BENTON HARBOR POWER PLANT LIMNOLOGICAL STUDIES

PART XXIII. PHYTOPLANKTON OF THE SEASONAL SURVEYS OF 1974 and 1975 AND INITIAL PRE- vs. POST-OPERATIONAL COMPARISONS AT COOK NUCLEAR PLANT

John C. Ayers

Nancy V. Southwick

Donald G. Robinson

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INTRODUCTION

The Donald C. Cook Nuclear Plant is located on the southeastern shore of Lake Michigan, in Lake Township, Berrien County, Michigan. The plant is approximately 11 miles south of Benton Harbor and two miles north and west of Bridgman, Michigan.

A 2-unit electric generating station, the plant is rated at 2200 megawatts and draws cooling and service water from Lake Michigan through three intake pipes from approximately 2250 feet offshore in 24 feet of water. The plant employs a once-through cooling system, returning used cooling water to the lake through two diffuser discharge structures located approximately 1200 feet offshore in 18 feet of water.

Unit 2 is still under construction, but unit 1 is completed and began operation in January 1975. At full-power operation unit 1 has a total cooling and service water flow rate of 726,000 gpm, a maximum heat rejection rate of 7.73×10^9 BTU per hour, and a maximum temperature rise in the cooling water of 21.8° F. Used cooling water from unit 1 returns to the lake through the north discharge structure at a velocity of about 13 feet per second into an area of high turbulence created by the discharge velocity. The region of high turbulence is short-lived both temporally and spatially, as ambient water is rapidly entrained into the discharged water and the velocity of the discharged water falls quickly to ambient current velocity.

Phytoplankters drawn into the plant with the cooling water are subject to sudden increase in temperature, maulage by pumps, twice daily chlorination of cooling water, high velocity discharge, and rapid dilution with

cooler water. Operation of the plant, then, has at least the potential that it could affect the structure of the phytoplankton community.

The strategy for detecting changes in the phytoplankton community near the Cook Plant involves comparisons of phytoplankton abundances in three depth zones near the plant to abundances in the same three depth zones at distances two miles or more away from the plant. In any one survey these comparisons are spatial but, repeated over time, they allow temporal comparisons as well. The temporal comparisons primarily consist of compared conditions in preoperational years against operational years. Conditions in preoperational years provide a measure of natural variation against which variations in operational years may be compared to detect possible plant-related perturbations.

This report serves the double purpose of recording the results of previously unreported seasonal surveys of the years 1974 and 1975 and of preliminary analyses according to the strategy outlined above.

Figure 1 shows the station positions of the present 36-station sampling grid centered on the Cook Plant. This grid, used after April 1972, replaced an earlier 54-station grid. Table 1 compares the two sampling grids and shows the stations dropped and stations retained in changing to the 36-station grid.

At all complete stations in Figure 1 phytoplankton, zooplankton, benthos, and physical measurements are collected during the seasonal surveys. The physical measurements consist of surface-water temperature, water depth, bottom type, Secchi disc water transparency, and water color as seen above the white 20-cm Secchi disc, as well as weather conditions and wind and wave characteristics. The seasonal physical data are given in Appendix A.

TABLE 1. Comparison of the original 54-station seasonal sampling grid to the 36-station sampling grid which was instituted in the July 1972 seasonal survey at Cook Plant. X denotes a retained station. -- denotes an omitted station.

Station	54-station grid	36-station grid	Station	54-station grid	36-station grid
DC-1	X	X	NDC-7-3	X	X
DC-2	X	X	NDC-7-4	X	--
DC-3	X	X	NDC-7-5	X	X
DC-4	X	X	SDC-.25-1	X	--
DC-5	X	X	SDC-.5-0	X	X
DC-6	X	X	SDC-.5-1	X	--
NDC-.25-1	X	--	SDC-.5-2	X	X
NDC-.5-0	X	X	SDC-.5-3	X	--
NDC-.5-1	X	--	SDC-1-0	X	X
NDC-.5-2	X	X	SDC-1-1	X	X
NDC-.5-3	X	--	SDC-1-2	X	X
NDC-1-0	X	X	SDC-1-3	X	--
NDC-1-1	X	X	SDC-2-0	X	X
NDC-1-2	X	X	SDC-2-1	X	X
NDC-1-3	X	--	SDC-2-2	X	--
NDC-2-0	X	X	SDC-2-3	X	X
NDC-2-1	X	X	SDC-2-4	X	--
NDC-2-2	X	--	SDC-4-0	X	X
NDC-2-3	X	X	SDC-4-1	X	X
NDC-2-4	X	--	SDC-4-2	X	--
NDC-4-0	X	X	SDC-4-3	X	X
NDC-4-1	X	X	SDC-4-4	X	X
NDC-4-2	X	--	SDC-7-1	X	X
NDC-4-3	X	X	SDC-7-2	X	--
NDC-4-4	X	X	SDC-7-3	X	X
NDC-7-1	X	X	SDC-7-4	X	--
NDC-7-2	X	--	SDC-7-5	X	X

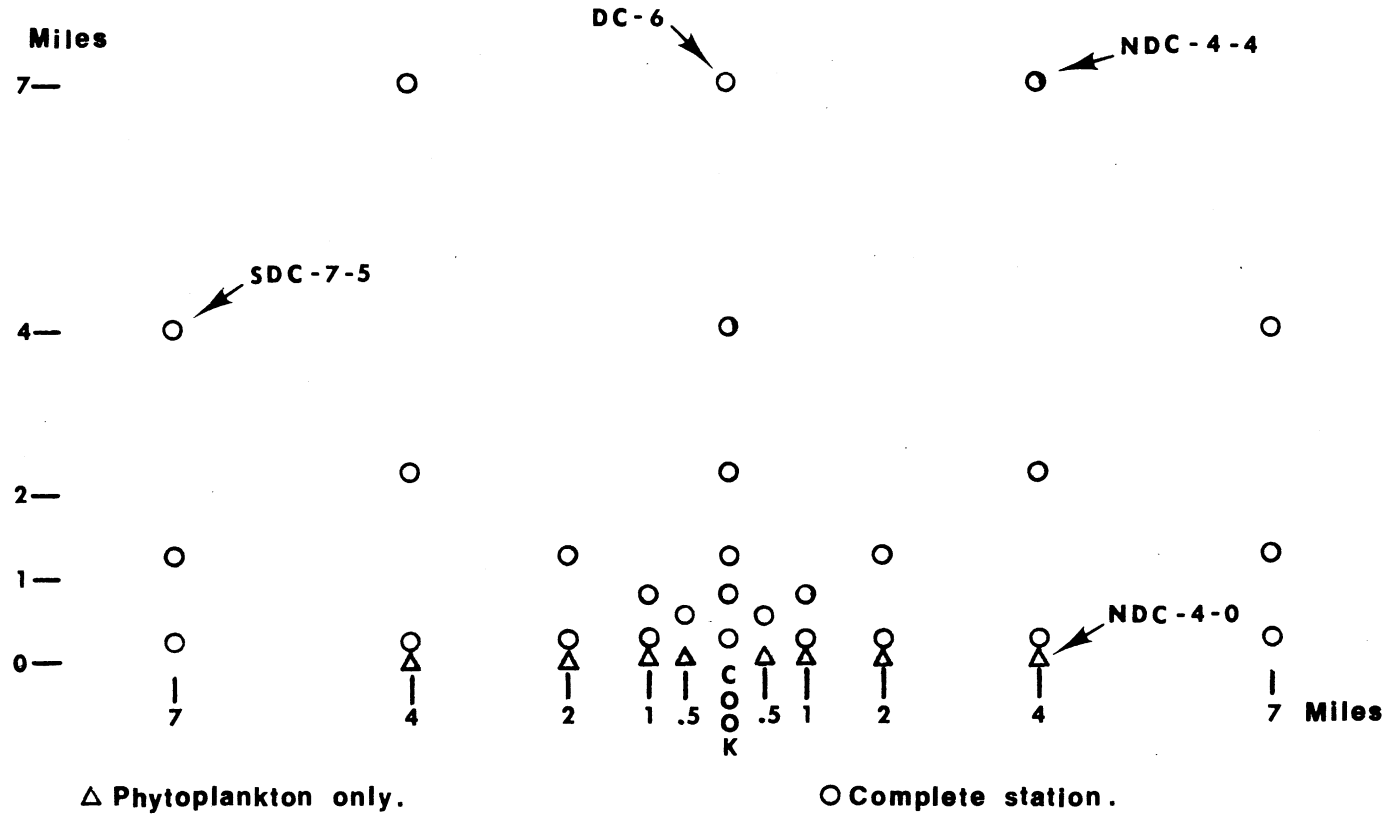


FIG. 1. The present 36-station Cook Plant sampling grid, used since April of 1972. The stations are designated as follows: SDC stations are located south of the plant, NDC stations are north of the plant, and DC stations are directly offshore of the plant. The first number in the designation is the number of miles north or south of the plant. The second number is the serial number of the station from shore lakeward. The serial number of the phytoplankton-only station is 0.

TECHNIQUES

Phytoplankton samples were collected by Niskin bottle from a depth of 1 m, with the exception of the nearshore stations. Nearshore collections (serial number zero stations) were made by submerging an open 1-liter bottle 4 inches below the water surface. All samples were 1-liter whole samples. Each sample was fixed with Utermohl's iodine fixative immediately after collection and stored in an opaque container.

In the laboratory, each sample was concentrated to 100 ml by settling in a 1000-ml graduate cylinder and siphoning off 900 ml of fluid. The concentrated sample was stored in a 100-ml opaque bottle.

The samples of 1971 and of April 1972 were prepared and counted by the Utermohl technique: placing an aliquot of the concentrated sample in a tubular combination settling and counting chamber and allowing the aliquot to settle overnight. The counting chamber containing the settled cells was then separated from the settling chamber, covered, and placed on the microscope. The samples were counted on a binocular inverted microscope at 1000X magnification.

Beginning with July 1972, and continuing since, the method of concentration for species identification and enumeration has been the settle-freeze method as proposed by Sanford et al. (1969). The method entails two days' settling of 1000 ml of sample in a graduated cylinder. The third day the top 900 ml are siphoned off and discarded. Part of the remaining 100 ml is used for preparation for the microscope slide and the rest is kept for any possible further references or back checking.

The once-settled sample is then diluted if need be and settled again, this time in 18-ml cylinders. These cylinders are attached with a small

amount of stopcock lubricant (to prevent leakage) to the microscope slides which rest on an aluminum plate one quarter inch thick. The whole apparatus is then secured together mechanically. The microscope slides, prior to having the cylinders placed on them, were treated with Dessicote to provide a hydrophobic surface to the slide. After the samples have settled overnight, the aluminum plate on which they rest is placed on a block of dry ice for 90 seconds or less. This freezes the bottom 1-1.5 ml. The unfrozen part is then discarded and the cylinders are removed from the slides. The slides are then placed in an anhydrous ethanol chamber for 2 days, and then in a toluene chamber for 2 days.

The first chamber removes the excess water and the second prepares the samples for their final mounting in toluene based Permount. One drop of Permount is put on the slide, a cover slip is then placed over it and the slide is allowed to dry for 2 days or more.

The specimens are counted, at 1200X under oil immersion on a Leitz Ortholux microscope, to species, variety and form when practical, otherwise to genus or group. Only those specimens that appear to have been viable at the time of collection are counted. Two sweeps of the slide are made, one vertical and one horizontal. This provides an indication of the randomness of the species on the slide.

All species are counted to individual cells, except for filamentous blue-green algae with cylindrical trichomes which are counted as individual organisms.

Phytoplankton abundances derived from the counts are calculated as cells per liter, but are divided by 1000 in the computer print-outs.

Species and forms are presented in the way in which they are recognized and counted. Examples are: *Glenodinium*, a dinoflagellate, is recognized and counted separately from unidentified dinoflagellates which are given as "Dinoflagellates"; the flagellates *Cryptomonas* and *Chlamydomonas* are recognized and counted separately from unidentified "Flagellates"; *Anacystis* and *Chroococcus* are recognized as separate entities, rather than together as *Anacystis*.

MISSING DATA

Phytoplankton samples from the following stations in the designated months and years have not been available for the reasons indicated:

1971

April

NDC-1-1	Lost
NDC-4-2	Lost
NDC-7-1	Lost
NDC-7-3	Lost
SDC-4-1	Lost

July

DC-1	Construction barges on the station

November

NDC-7-1 through 7-5	Omitted due to extreme cold
SDC-7-1 through 7-5	Omitted due to extreme cold

1972

April

NDC-1-2	Preservation failure
NDC-2-1	Preservation failure
NDC-7-4	Preservation failure
All SDC stations except SDC- .5-1 and SDC-7-4	Preservation failure

July

SDC-7-1	Lost

1973

April

DC-1	Construction barges on the station
NDC-7-1	Sample broken

July

DC-1	Construction barges on the station

1973		
October		
	DC-1	Construction barges on the station
	NDC-4-1	Sample broken
1974		
July		
	SDC-.5-0	Too rough to work
	SDC-4-0	Too rough to work
1975		
July		
	NDC-7-1	Sample broken
October		
	DC-6	Too rough to work
	NDC-4-4	Too rough to work
	SDC-4-4	Too rough to work

RESULTS AND DISCUSSIONS

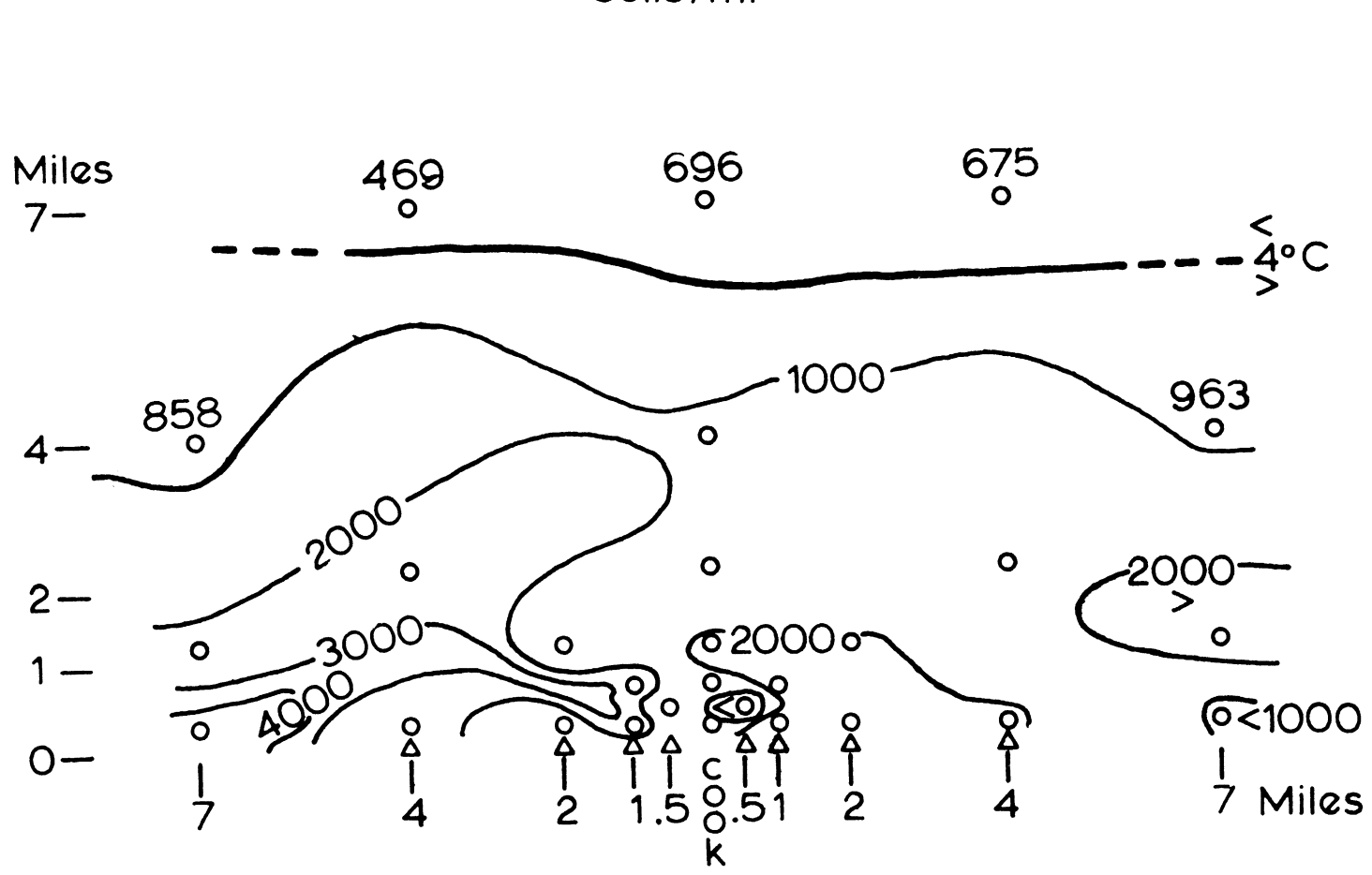
It is the opinion of the authors that the materials to be presented in this section best lend themselves to the convenience of the authors and of the reader if presentation of results and discussion of the results are not separated. We believe that the reader will have no difficulty in distinguishing between the objective presentations of results and our subjective discussions of the results.

The Thermal Bars of 20 April 1974 and 17 April 1975.

Temperature conditions in the waters of the Cook Plant survey grid during April surveys not infrequently range from below 4° C to above 4° C. The presence of the 4° C isotherm defines the presence of the so-called thermal bar within the grid of sampling stations. Because the thermal bar is frequently cited as being a barrier to the mixing of the waters inshore and offshore of it, and because the bar is a zone of surface convergence and sinking, we have made it a policy to report thermal bar conditions when they are encountered during Cook Plant surveys.

Ayers, Mozley, and Stewart (1974) have reported on a thermal bar condition found in the Cook survey grid on 15 April 1971. A part of their data is redrafted in Figure 4 of the present report.

On 20 April 1974 the thermal bar lay just inside the outer edge of the survey grid. It is indicated in Figure 2 by the 4° C isotherm. Also shown in Figure 2 are contours of phytoplankton abundance (in individuals per ml) throughout the sampling grid. At the five most lakeward stations the numbers of phytoplankters per ml are shown for comparison to the abundance contours lying landward of them.



△ Phytoplankton only
o Complete station

FIG. 2. The distribution of phytoplankton abundances during the thermal bar condition of 20 April 1974. The thermal bar is inticated by the 4°C isotherm. Phytoplankton abuncances in individuals per ml are shown at each of the five lakeward stations; inshore of these stations, abundances over the rest of the grid (exclusive of the surf-zone stations) are indicated by contours of abundance.

There is in Figure 2 no discontinuity in phytoplankton density at the thermal bar, as there should be if the bar were a barrier to the mixing of inshore and offshore waters. The figure gives no indication of any concentration of phytoplankters along the convergence at the thermal bar. Instead, the figure shows a general tendency for phytoplankton numbers to increase toward shore where spring warming was going on and temperatures were higher.

April 1975 was a cold month in comparison to 1973 and 1974. On 17 April a thermal bar was present, but for the most part was at less than a mile from shore and could be classed as only developing. Figure 3 shows the thermal bar and contours of phytoplankton densities (cells per ml).

Inshore of the bar in stations in front of the plant, and at reference station SDC-7-1 seven miles south of the plant, phytoplankton densities were above 1000 cells/ml as opposed to densities of 50 - 500 over much of the survey area; such density increases are typical of phytoplankton responses to spring warming of water landward of the thermal bar. The thermal plume of the plant, with temperatures of 5.1 to 5.6° C, on this day extended a half mile north of the plant while the area of higher phytoplankton densities in front of the plant extended from 0.75 mile north to 2.5 miles south of the plant. In this area the greatest densities (over 3000 cells/ml) were against the shore rather than against the thermal bar, typical of response to greater spring warming in the water nearest shore.

Directly offshore from the plant was a large area of elevated phytoplankton densities. This area was centered on station DC-4, two miles from shore, where density exceeded 5000 cells/ml; associated with this area were stations DC-6 and DC-5 with cell densities of 1613 and 1914 per ml respectively, and station DC-3 where the density was over 2500 cells/ml.

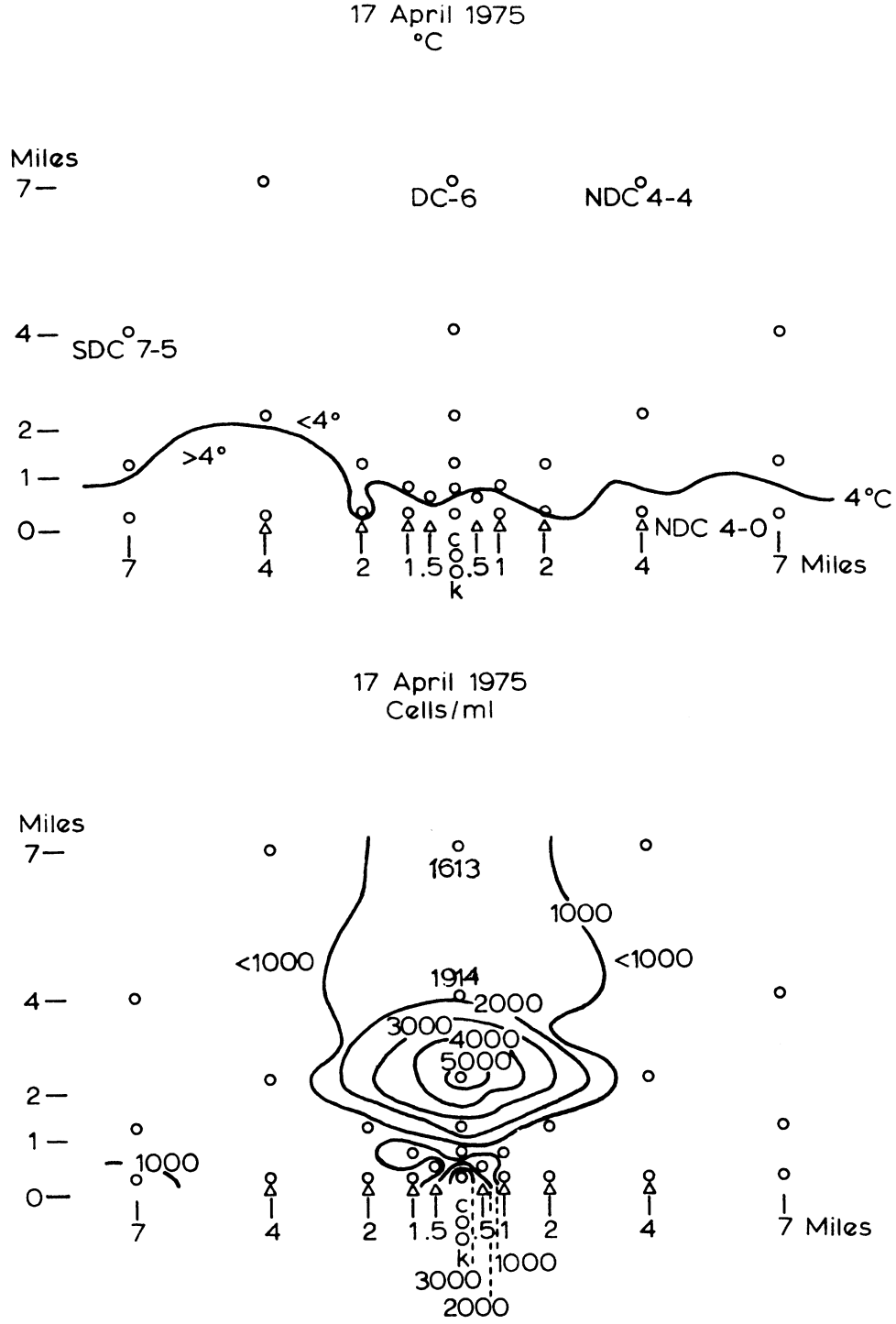


FIG. 3. Upper, the position of the thermal bar in the Cook Plant survey grid on 17 April 1975. Lower, the distribution of phytoplankton abundances in cells per ml on 17 April 1975. Abundances are indicated on the contours and at stations DC-6 and DC-5 directly off the plant.

From these stations gradients in cell densities also extended northward, southward, and landward to stations where densities were less than 1000/ml. In stations DC-3 through DC-6 water temperatures fell steadily from 3.5 to 2.9° C; at station DC-2, just lakeward of the thermal bar, temperature was 3.5° C and cell density was 590 per ml. Temperatures within the offshore area of elevated cell densities showed no evidence of heat from the plant's thermal discharge; this, plus the gradients in cell density in all four directions, suggest that the area of high phytoplankton abundance offshore was an isolated water mass rich in phytoplankters which was moving past the plant and mixing with the ambient water as it went.

Figure 4 presents histograms of averaged abundances of phytoplankters by half-degree temperature intervals across the thermal bar on 15 April 1971 (referenced above), 20 April 1974, and 17 April 1975.

The histograms for 15 April 1971 and 20 April 1974 show generally progressive increases of phytoplankton densities from low values in the cold water offshore to substantially greater densities in the warming water near shore.

The histogram for 17 April 1975 shows increased densities in both the warmer (5 - 6° C) water near shore and in the offshore cold (3 - 3.5°C) water mass. Intermediate cell densities in the interval 3.5 to 5.0° C indicate mixing between the two high-density water masses.

Summary Tables.

The phytoplankton summary tables employed here are based on the ones used by the Michigan Water Resources Commission in reporting their phytoplankton collections. Our summaries differ from theirs in that we count the numbers of cells in filamentous and colonial forms (except blue-green

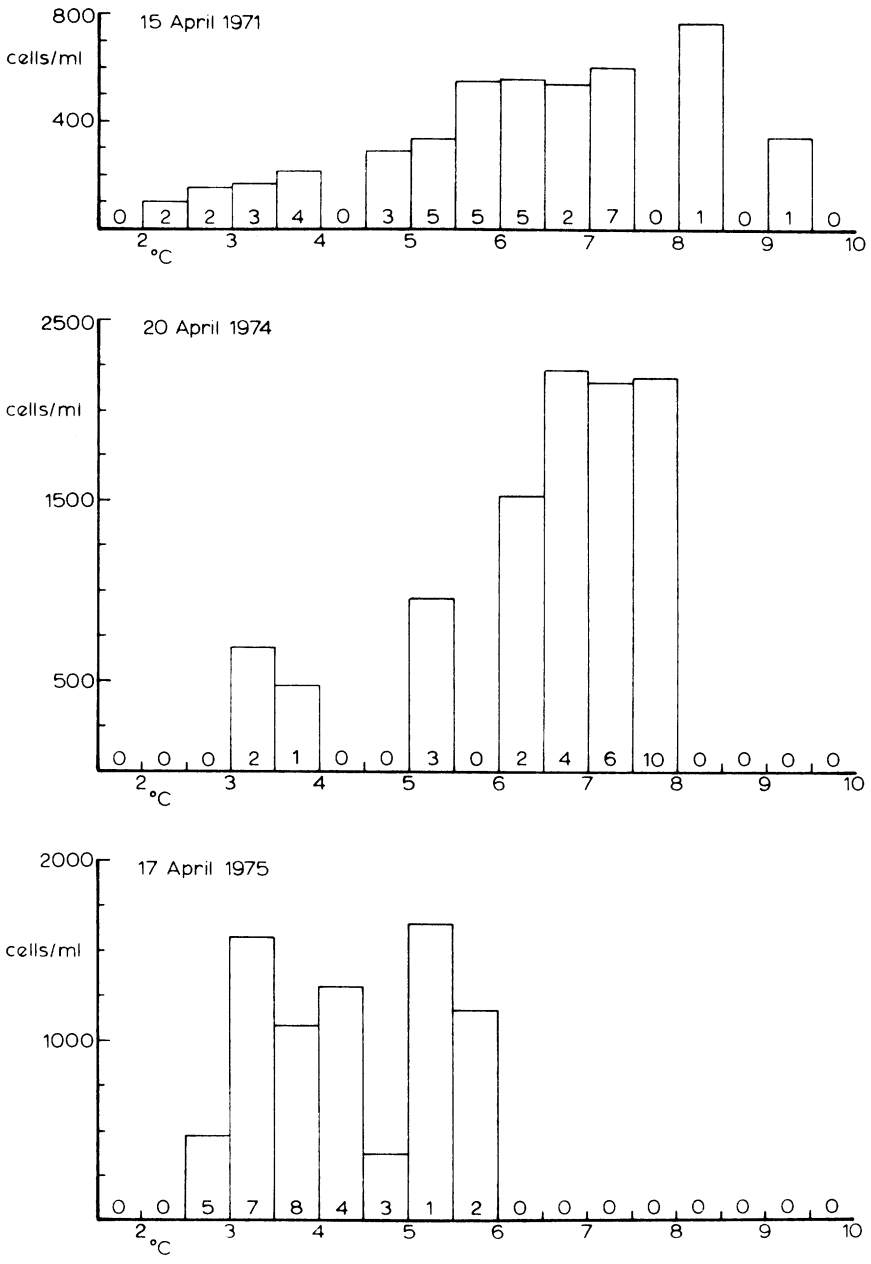


FIG. 4. Histograms of averaged phytoplankton densities (cells per ml) by half-degree centigrade temperature intervals during thermal bar conditions in the Cook Plant April surveys of 1971, 1974, and 1975. Thermal bar conditions were not present in the April surveys of 1972 or 1973. Numbers within the bars indicate the numbers of samples averaged.

algae with cylindrical trichomes which are counted as individual organisms), while the Commission counts a filament or colony as a single organism. The station collection records from which the summaries for 1974 and 1975 were prepared constitute Appendix B.

The summary table for each seasonal survey presents, station-by-station, the surface-water temperature at the time of collection, the numbers per ml of each of ten major categories of phytoplanktonic algae, and the dominant (and codominant, see below) species or groups. The categories of phytoplankton employed are: coccoid blue-green algae, filamentous blue-green algae, coccoid green algae, filamentous green algae, flagellates, centric diatoms, pennate diatoms, desmids, other algae, and total algae. The summary tables allow quick assessment of the general compositions of the populations sampled, the ambient water temperature, and give the dominant and codominant species or groups (forms). The summary tables presented in Table 2 cover the surveys of spring (April), summer (July), and fall (October) of 1974 and 1975.

Dominant and Codominant Phytoplankters.

In each phytoplankton sample one form (species or group) is typically present in greater abundance than the others. We designate these species or groups "dominant." In many samples, however, one or more species or groups will come close to matching the numbers of the dominant form; we designate these slightly less abundant forms "codominants" and list them along with the dominant in the "Dominant species" column of Table 2.

In Table 3 the dominant and codominant forms in the stations of each seasonal survey of 1971 through 1975 have been assembled and the numbers of their dominant or codominant occurrences given. This is done to assist

the reader in sorting the probably important dominants and codominants from the rare ones which might be due to the chance occurrence of a single many-celled filament or colony.

Consideration of the dominant and codominant forms in the seasonal surveys of preoperational 1971 through 1974 and operational 1975 brings to light the normal variation in seasonal dominants and codominants, rather than any effect of 1975 operation of the plant.

The Aprils of all five years show the spring dominance of diatoms and flagellates which is expected.

In July of operational 1975 the forms having more than one occurrence as dominant or codominant were two forms of green algae, one blue-green, and flagellates. In preoperational 1974 the forms having multiple dominance occurrences were a diatom, a blue-green, and flagellates. Multidominant forms in July 1973 were four diatoms and flagellates. The multidominant forms of July 1972 were four diatoms, one green alga, one blue-green, and flagellates. The multidominants of July 1971 were three diatoms, two green algae, and two flagellates. If there is anything of significance in this sequence of summer dominants it is probably the pronounced drop in diatom dominance between the preoperational years 1973 and 1974. Table 4, excerpted from studies in progress, explains the absence of any diatom dominants in July 1975. In 1975 the diatom population crashed a month earlier than usual; abundances in July 1975 were comparable to those in the Augusts of 1974 and 1975, while abundances in July 1974 were comparable to the abundances in the Junes of the two years.

In November of 1971 and the Octobers of the other years the multi-dominants were: 1971, two diatoms, a green alga, a blue-green, and three flagellates; 1972, two blue-greens, a diatom, and flagellates; 1973, two

diatoms and flagellates; 1974, three blue-greens, a diatom, and flagellates; and 1975, two blue-greens, a diatom, and flagellates. Of this series, the perhaps significant things are that blue-greens were not dominant or codominant in October of 1973 while they were in the Octobers of all the other years (whether preoperational or operational), and that the multidominants of operational 1975 were the same as in preoperational 1972.

Master Lists of Phytoplankters Collected during the 1974-1975 Surveys.

Table 5 presents in alphabetical order the complete lists of phytoplankters taken in the seasonal surveys of 1974 and 1975. Ayers, Mozley, and Stewart (1974) give the master lists of phytoplankton collected during the seasonal surveys of 1971. Ayers (1975) gives the master lists of phytoplankters collected during the seasonal surveys of 1972 and 1973. Over time, these master lists provide a means by which to watch for changes in the composition of the phytoplankton community. The master lists of 1972 through 1975 have been put to this use in the section which follows.

Because of the greatly different optical characteristics of the Utermohl wet mount and inverted microscope method, and the prepared slide examined under oil immersion of the settle-freeze method, the species lists of 1971 which were by the Utermohl method have not been included in these comparisons.

New Forms in the Phytoplankton Community Since 1972.

If one assumes that the phytoplankton-carrying waters of southeastern Lake Michigan in some way recirculate within the region, it follows that the operation of the Cook Plant might possibly, through repeated application of its thermal discharge, exert some modifying or altering effect upon the phytoplankton community. If this assumption is not made, then study of

changes or lack of change in the in-lake phytoplankton community becomes an evaluation of lake-caused effects on the community which have little or no relation to the operation of Cook Plant.

Evidence to date does not show phytoplankton recirculation in southeastern Lake Michigan, and it is probable that this discussion is concerned only with changes which have taken place in a short time segment of the long term phytoplanktonic history of the eutrophication of this portion of the lake.

The subject is one to be approached cautiously, for it is complicated by the fact that phytoplankton analysts become more skilled with increased experience. We believe, and the analysts agree, that the place where greater skill is most apt to play a part is in the recognition of new species of already-identified genera. When the subject was discussed with the analysts their consensus was, "We may be recognizing more species of *Nitzschia* or *Navicula* (for example), but new things are showing up."

The master phytoplankton lists of the seasonal collections of 1972 through 1975 have been searched for the appearance of new forms, but in so doing the consensus of the analysts was honored by excluding newly recognized species of previously identified genera. The resulting list of "new" forms is, then, a list of forms which by their unfamiliarity have forced themselves upon the analysts' attentions.

The list of new (as defined immediately above) forms which entered the Cook Plant phytoplankton community in the years 1972 through 1975 is (with X indicating presence):

Form	Kind	1972	1973	1974	1975
Agmenellum sp.	c. b-g[1]				X
Bicoeca paropsis	flagel				X
Bitrichia sp.	other[2]				X
Chlorella spp.[3]	green				X
Chromulina spp.	flagel				X
Denticula sp.	diatom				X
Eunotia spp.	diatom		X	X	X
Gymnodinium sp.	flagel		X	X	X
Meridion circulare	diatom		X	X	X
Pinnularia sp.	diatom		X	X	X
Stauroneis spp.	diatom			X	X
Stichococcus scopulinus	f. grn[4]				X
Thalassiosira pseudonana	diatom			X	X
Trachelomonas sp.	flagel				X
Tropidoneis sp.	diatom				X
Ulothrix sp.	f. grn		X	X	X

[1]Coccoid blue-green.

[2]Other algae (see section on Summary Tables).

[3]Includes both identified and unidentified species.

[4]Filamentous green.

It is to be noted here that the new unfamiliar forms in this list were not necessarily present in all the survey months of the years when they are listed as being present.

At the same time it is to be noted that in the annual curves for numbers of forms (in a later section) the new unfamiliar forms and newly recognized species of genera previously present have been counted; the rising trends in the numbers of forms in those curves are not due to the new unfamiliar forms alone.

The new unfamiliar forms which entered the phytoplankton community were, by their years of entry:

1973
3 diatoms, 1 flagellate, and 1 filamentous green alga.

1974
2 diatoms

1975
3 flagellates, 2 diatoms, 2 greens, 1 coccoid blue-green, and 1 other alga.

To the extent that the new forms are predominantly diatoms and flagellates the complex of new forms may not appear to be indicative of deteriorated aquatic conditions, but when their habitat preferences and/or physiological requirements are investigated in the literature the majority of the new forms turn out to have preferences or requirements for waters of increased conductivity or high organic content. The appearance of new forms with such preferences or requirements is consistent with the increasing eutrophication of the inshore waters of Lake Michigan which has been well documented by Tarapchak and Stoermer (1976) and others, and which was under way decades before Cook Plant became operative. There is no evidence that operation of the plant has had any effect on the trend of eutrophication in the lake.

Numbers of Forms, Abundances, and Diversity.

Table 6 is a summary table presenting, for the surveys of 1974 and 1975, the station-by-station numbers of species and groups (forms) collected, the numbers of individual phytoplankters per milliliter, and the Wilhm and Dorris (1968) diversity index of each station's collected population. The diversity index of Wilhm and Dorris is:

$$\bar{d} = - \Sigma \ (N_i/N) \log_2 \ (N_i/N)$$

in which (N_i/N) is the percentage of the total population, N, that is represented by any one form, N_i, in the collection. Computed for each form

and summed, the calculation yields a diversity index for the station collection.

Ayers (1975) presents this summary table for the seasonal surveys of 1972 and 1973; Ayers, Mozley, and Stewart (1974) give it for the surveys of 1971.

Table 6 and the similar ones reported earlier provide the basic data for discussions (below) of diversity indices of phytoplankton during the Cook Plant preoperational years 1971 through 1974 and in operational 1975. Table 2 and the similar ones reported earlier give the basic data for phytoplankton abundances in the Cook Plant region during the years 1971 through 1975.

Inner-Outer Graphical Comparisons: Abundances.

Johnston (1973, pp. 14-17) illustrated, with benthos data, a method for comparing seasonal abundances of organisms in the central region of the Cook Plant survey area with those in distant reference regions for each of three depth zones (0-8 m, 8-16 m, 16-24 m) of the Cook Plant area. The method is here applied to the phytoplankton of the seasonal surveys of preoperational 1971-1974 and operational 1975.

The method consists of dividing the survey stations into groups according to depth zones and proximity to the plant. Stations along, or less than 2 miles north or south of, a central transect extending 7 miles from the Cook Plant perpendicular to shore are defined as the "inner" stations which might be affected by plant operation. Stations 2 miles or more north or south of the plant are defined as north and south reference regions or (lumped together) as the "outer" stations. Zero-to-8 m depths are designated "Zone 0"; 8 to 16 m as "Zone 1"; and 16 to 24 m as "Zone 2".

For each depth zone there are inner and outer station groups.

The means and standard errors of phytoplankton abundances at each depth-zone-and-station-group combination are plotted on a time axis. By this method the biological situation can be followed through successive years and judgement of the effect of plant operation can be made on the bases of temporal (preoperational vs. operational) variations and spatial (inner vs. outer) variations in phytoplankton abundances.

The phytoplankton abundances (in cells/ml) used are those of total algae and of the nine major algal groups of the phytoplankton summary table (Table 2), coccoid blue-greens, filamentous blue-greens, coccoid greens, filamentous greens, flagellates, centric diatoms, pennate diatoms, desmids, and other algae. The use of algal major groups, instead of individual species, bypasses difficulties stemming from inability to always identify to species and is justifiable on the basis that members of each group have more or less similar functions in the ecosystem.

The depth zones and station groups used are:

Depth zone	Depth range	Inner station group	Outer station group
0	0 to 8 m	DC-0	NDC-2-0
		DC-1	NDC-2-1
		NDC-.5-0	NDC-4-0
		NDC-.5-1	NDC-4-1
		NDC-.5-2	NDC-7-1
		NDC-1-0	SDC-2-0
		NDC-1-1	SDC-2-1
		SDC-.5-0	SDC-4-0
		SDC-.5-1	SDC-4-1
		SDC-.5-2	SDC-7-1
		SDC-1-0	
		SDC-1-1	

Depth zone	Depth range	Inner station group	Outer station group
1	8 to 16 m	DC-2	NDC-2-3
		NDC-1-2	NDC-7-3
		SDC-1-2	SDC-2-3
			SDC-7-3
2	16 to 24 m	DC-3	NDC-4-3
		DC-4	NDC-7-5
			SDC-4-3
			SDC-7-5

In general, the station groups are well represented in the several surveys, but inclement weather, construction dredges on station locations, failure of sample preservation, and sample breakage have resulted in differing numbers of station data being available (N in Table 7).

Table 7 presents for the seasonal surveys of preoperational 1971 through 1974 and operational 1975 the means, standard errors, and numbers of cases of abundances of total algae and nine major groups of phytoplankton. These are graphed in Figure 5 on a time axis with error bars showing plus and minus one standard error. Data points for each month are slightly offset to avoid overlap. An arrow rising from the horizontal axis indicates the beginning of plant operation in early 1975.

The graphs bring out seasonal and annual variations in abundances much more clearly than do tabulations, but even more importantly, they very consistently show a pronounced parallelism between the curves for inner (near the plant) and outer (away from the plant) station groups. In practically all cases the difference between inner and outer means is less than three standard errors. There is no consistent difference in numerical superiority between means of inner and outer station groups in the pre-operational years or in operational 1975.

The spring, summer, and fall abundances of each of the ten major phytoplankton categories are presented in the component parts of Figure 5.

Filamentous green algae (Fig. 5a), desmids (Fig. 5b), and other algae (Fig. 5c) showed no changes in abundances between preoperational years and operational 1975.

Coccoid blue-green algae (Fig. 5d), after being present in small amounts in 1971 through 1973, increased in abundance in the Octobers of preoperational 1974 and operational 1975. In zones 0 and 1 the mean abundances of these algae at inner and outer stations were essentially the same in October 1975 as in October 1974. In zone 0 the abundances of these blue-greens were nearly the same in both inner and outer station groups in October 1975. In zone 1, where the plant's thermal plume is expected to be most of the time, the October abundance of these algae in 1975 was greater in the outer stations away from the plant than in those near the plant. In zone 2 at the inner stations in front of the plant, but at 1 and 2 miles from shore, the level of coccoid blue-greens was the highest yet collected; this may be a plant-related effect but mappings of the thermal plume indicate that it reaches these stations little if any of the time.

Filamentous blue-green algae (Fig. 5e), after being present in low numbers during the preoperational years, were present in increased numbers in July and October of 1975. In July these algae were in greater abundance at the outer stations in all three zones. In October these algae were in approximately equal abundance in both the inner and outer station groups of zone 0, were more abundant in the outer station group than in the inner in zone 1, and were more abundant in the inner station group offshore in zone 2. The above comment about the thermal plume reaching these stations little if any of the time also applies here.

Coccoid green algae (Fig. 5f) in 1975 showed no significant differences from their abundances in previous years. In zone 1 in April their abundance was somewhat increased, but no higher than it had been in April 1972. In July and October of 1975 their abundances in the outer stations were insignificantly higher than in the inner stations.

Flagellates (Fig. 5g) showed in all three zones steadily rising trends of abundance from 1971 through 1975. In April 1975 flagellates in both the inner and outer station groups of zone 1 were higher than in previous Aprils, but since the plant's thermal plume can reach the outer stations little if any of the time the higher values of April 1975 are not attributed to plant operation. Increased levels of these algae in the inner stations of zone 2 in October 1975 are, also, not attributed to plant operation because of the extreme infrequency of the plant plume reaching these offshore stations.

Centric diatoms (Figs. 5h, 5i, and 5j) in 1975 showed, in all three zones, an April high of abundance, a pronounced July crash in abundance, and a modest October recovery in abundance. The high abundances in April 1975 were, in zone 0, almost identical in the inner and outer station groups and were at a level previously reached by the outer stations in April 1972. In zone 1 the abundance highs of April 1975 were greater than in previous Aprils but were considerably less than high abundances recorded at both inner and outer stations in July of 1973; the values attained in April 1975 are, then, in zones 0 and 1, considered to be within the range of natural variation and are not attributed to plant operation in 1975. April 1975 showed in zone 2 a mean abundance of centric diatoms in the outer station group which was not significantly higher than the inner and outer station groups attained in April 1973. The inner station group in April 1975, however, reached a level of mean abundance greater than in the other zones.

In view of the offshore locations of these stations and the infrequency of the plant's thermal plume reaching them, the zone 2 April 1975 high abundances are attributed to some in-lake influence not related to operation of Cook Plant in 1975.

The crashes of centric diatom abundances at inner and outer station groups in July 1975 were, in all three zones, quite closely matched by July crashes in 1971 and 1972.

The October 1975 abundances of centrics showed modest recoveries at the inner and outer station groups of zones 0 and 1; these recoveries are intermediate between substantial recoveries in October 1972 and substantial decreases in October 1973. The modest recoveries in October 1975 are within the range of normal variation and are not considered to be related to plant operation in 1975. Centric abundances in zone 2 in October 1975 showed an increase in the inner station mean and little or no increase in the outer station mean; these conditions repeat patterns shown in zone 2 in 1972, 1973, and 1974 and are considered normal variation patterns not related to plant operation in 1975.

Pennate diatoms (Fig. 5k) have, with the exceptions of July 1974 in zones 0 and 1, exhibited good parallelism between the curves for inner and outer station groups in all the years of the study. April 1975 showed high values for pennates in both inner and outer stations in all depth zones; these April values are not significantly higher than those of April 1974. The July crash in pennate abundances in zone 0 in 1975 was about equal to that in 1971 in the same zone; in zones 1 and 2 the July crashes were not so severe as those of July 1971 in these zones. The October abundances of pennates were very similar to those of the Octobers of 1972, 1973, and 1974 in both inner and outer station groups. Mean abundances of pennates in the

two station groups in all three depth zones in 1975 were not sufficiently different from those of preoperational years to be attributed to plant operation in 1975.

Total algae (Figs. 5ℓ, 5m, and 5n) in all three depth zones in 1975 exhibited good parallelism between the curves of abundance in inner and outer station groups. In zone 0 the mean values of abundance at inner and outer stations were practically identical. April of 1975 had high mean abundances in all three zones, but equally high values had occurred in 1972 in zone 0 and in July 1973 in zone 1. April 1975 in zone 2 inner stations showed the highest abundance values yet obtained but the offshore locations of these stations make it unlikely that the inner station high values were related to plant operation.

July 1975 means were essentially the same at inner and outer stations in zones 0 and 2; zone 1 low values in this month were not so low as in the Julys of 1971 and 1972.

October mean abundances in zones 0 and 1 were similar to means in this month during preoperational years. Zone 2 October 1975 means were higher in both inner and outer station groups than in preoperational years, but the offshore locations of the station groups and increases in both station groups make it unlikely that the observed increases were due to plant operation.

The component parts of Figure 5 provide no convincing evidence that operation of Cook Nuclear Plant during 1975 has had any detrimental effect upon the phytoplankton community of southeastern Lake Michigan.

The great majority of the algal categories graphed in Figure 5 do not show tendencies to increase with time, as has been postulated as a reflection of increasing eutrophication in Lake Michigan. Visual inspection of the graphs shows trends to increase in abundance from year to year only in flagellates in all zones, coccoid blue-greens in all zones, and total algae in zone 2.

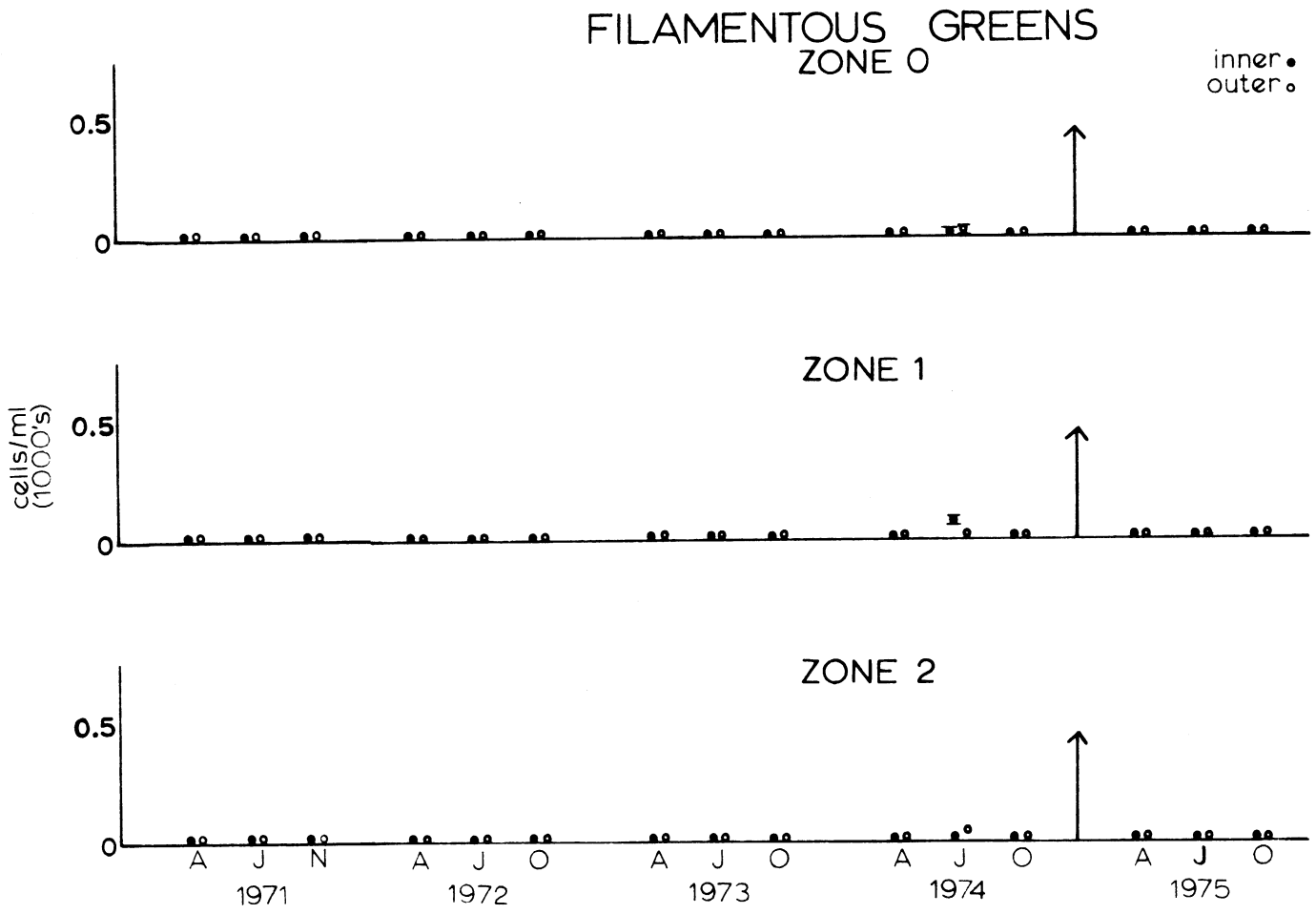


FIG. 5a. Mean abundances of filamentous green algae (cells/ml) in zones 0-2, determined in spring, summer, and fall seasonal surveys in 1971-1975. Space does not permit drawing of standard error bars. See Table 7 for standard errors and sample sizes.

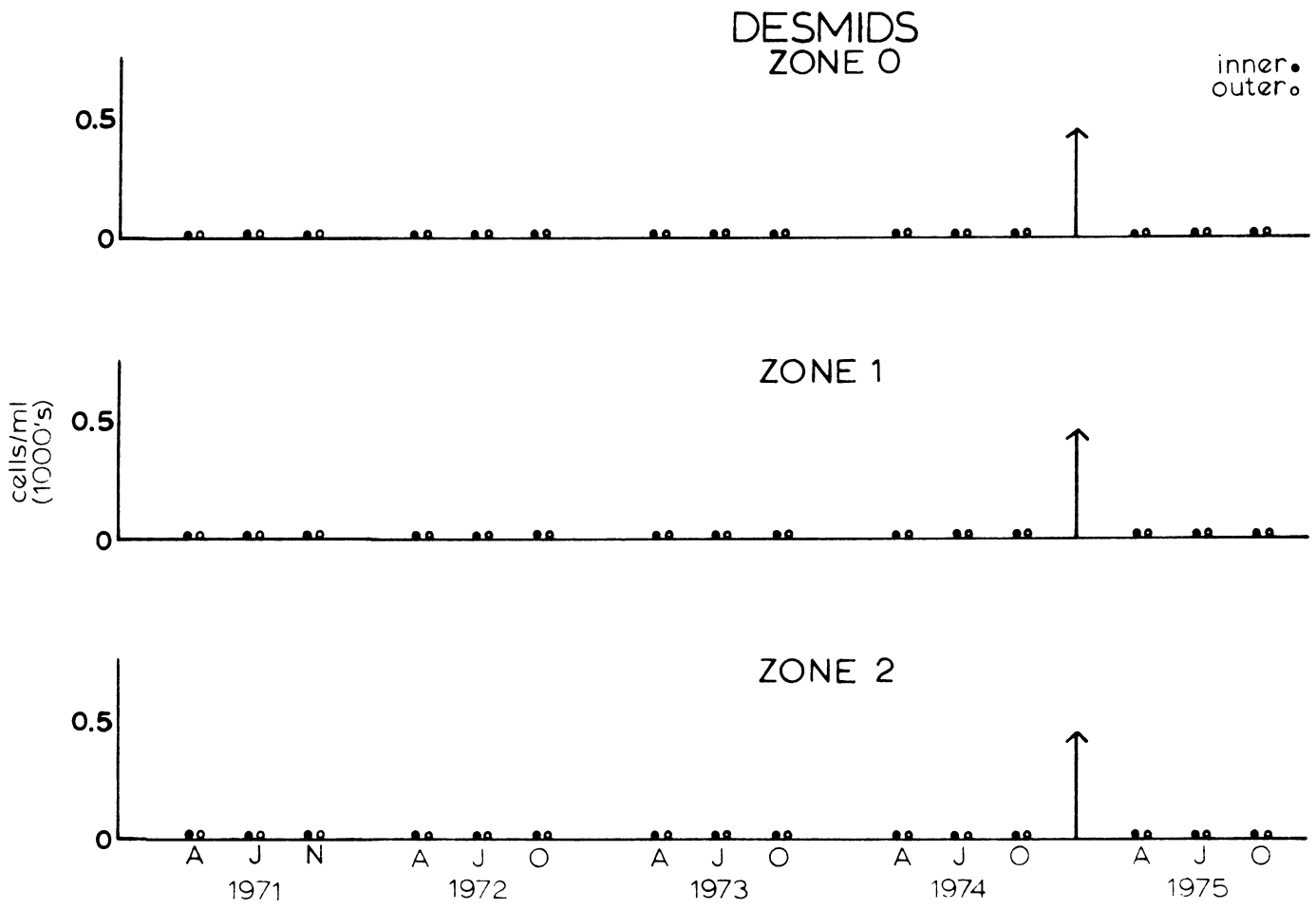


FIG. 5b. Mean abundances of desmids (cells/ml) in zones 0-2, determined in spring, summer, and fall seasonal surveys in 1971-1975. Space does not permit drawing of standard error bars. See Table 7 for standard errors and sample sizes.

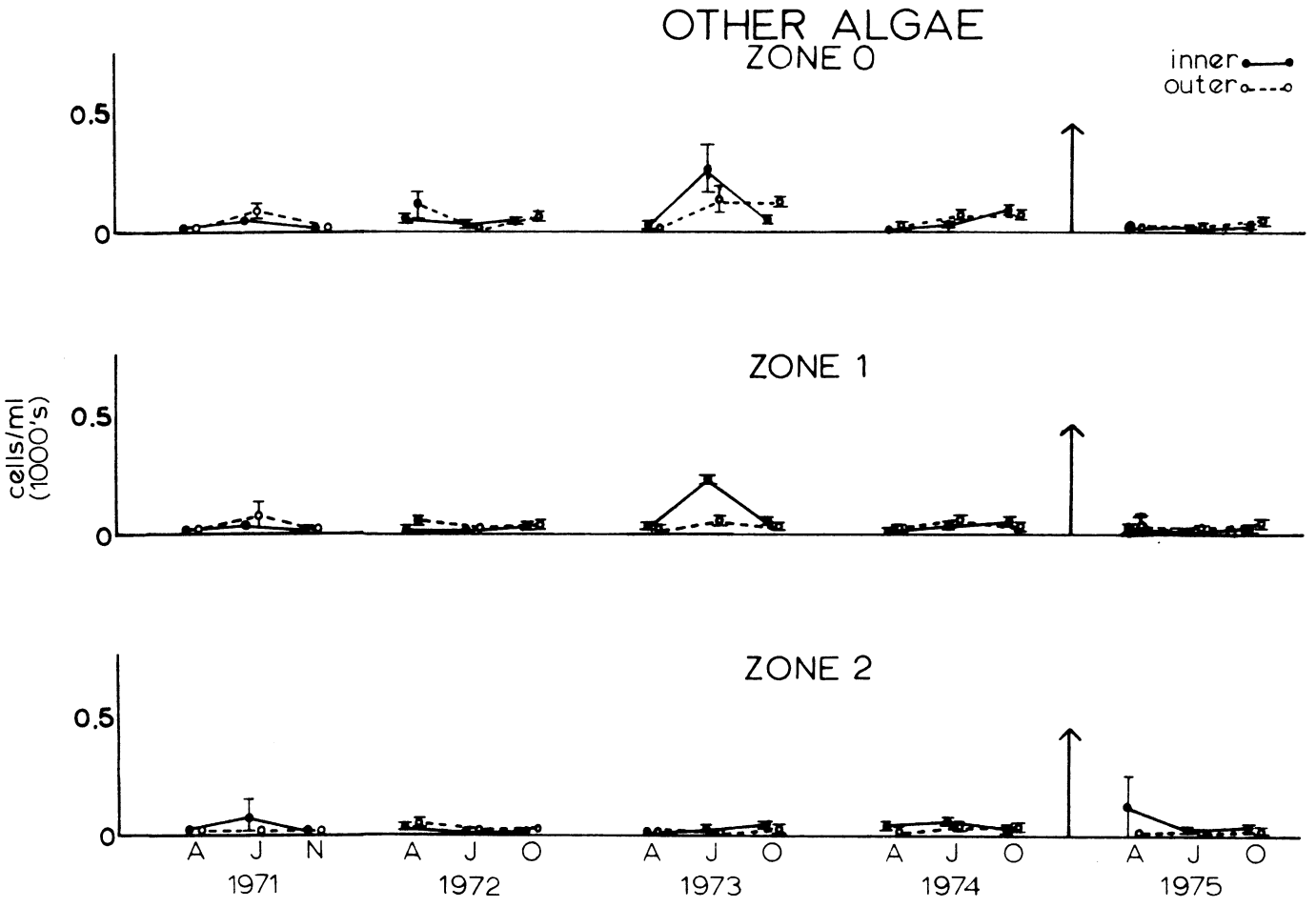


FIG. 5c. Mean abundances of other algae (cells/ml) in zones 0-2, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

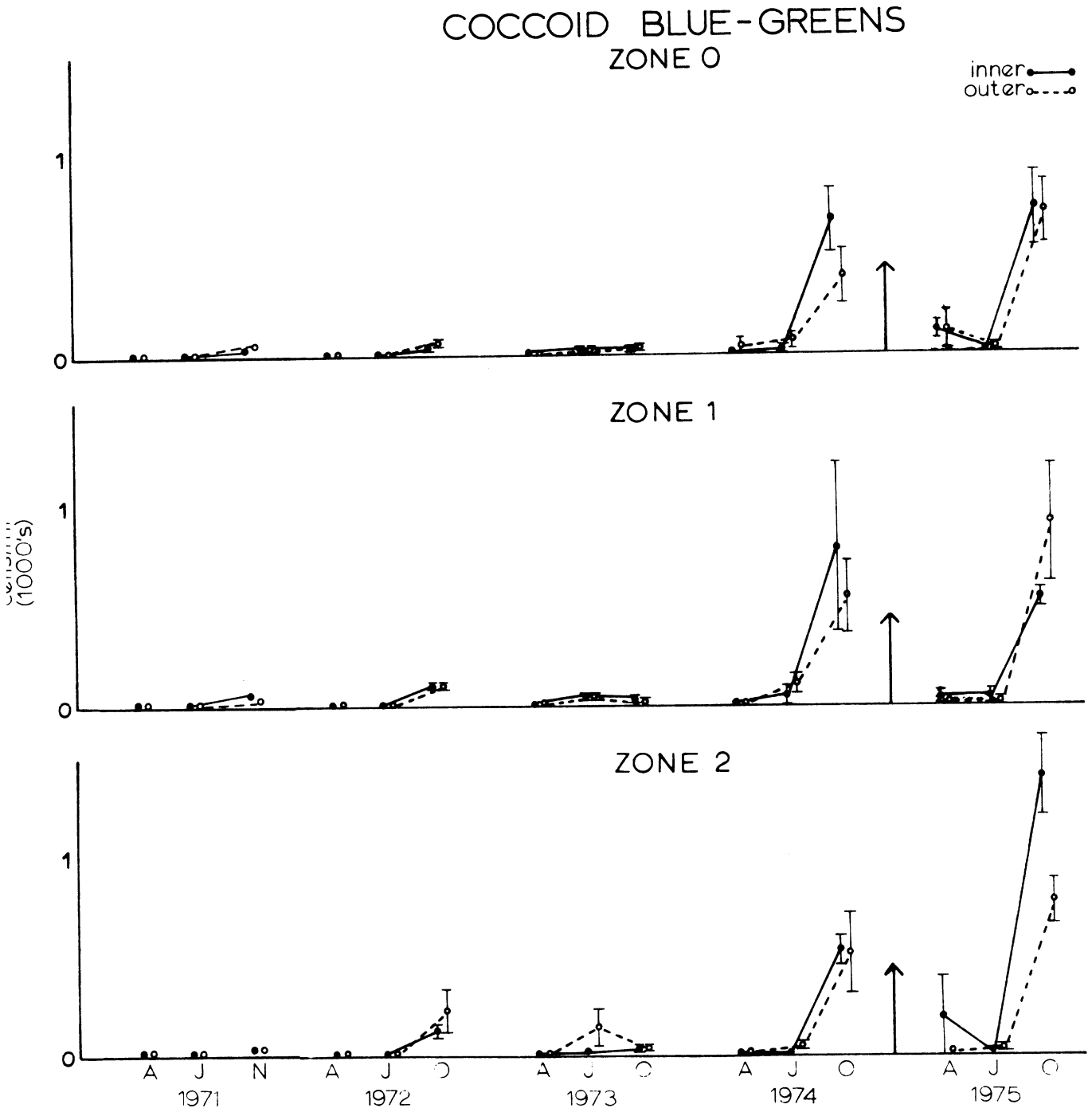


FIG. 5d. Mean abundances of coccoid blue-green algae (cells/ml) in zones 0-2, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

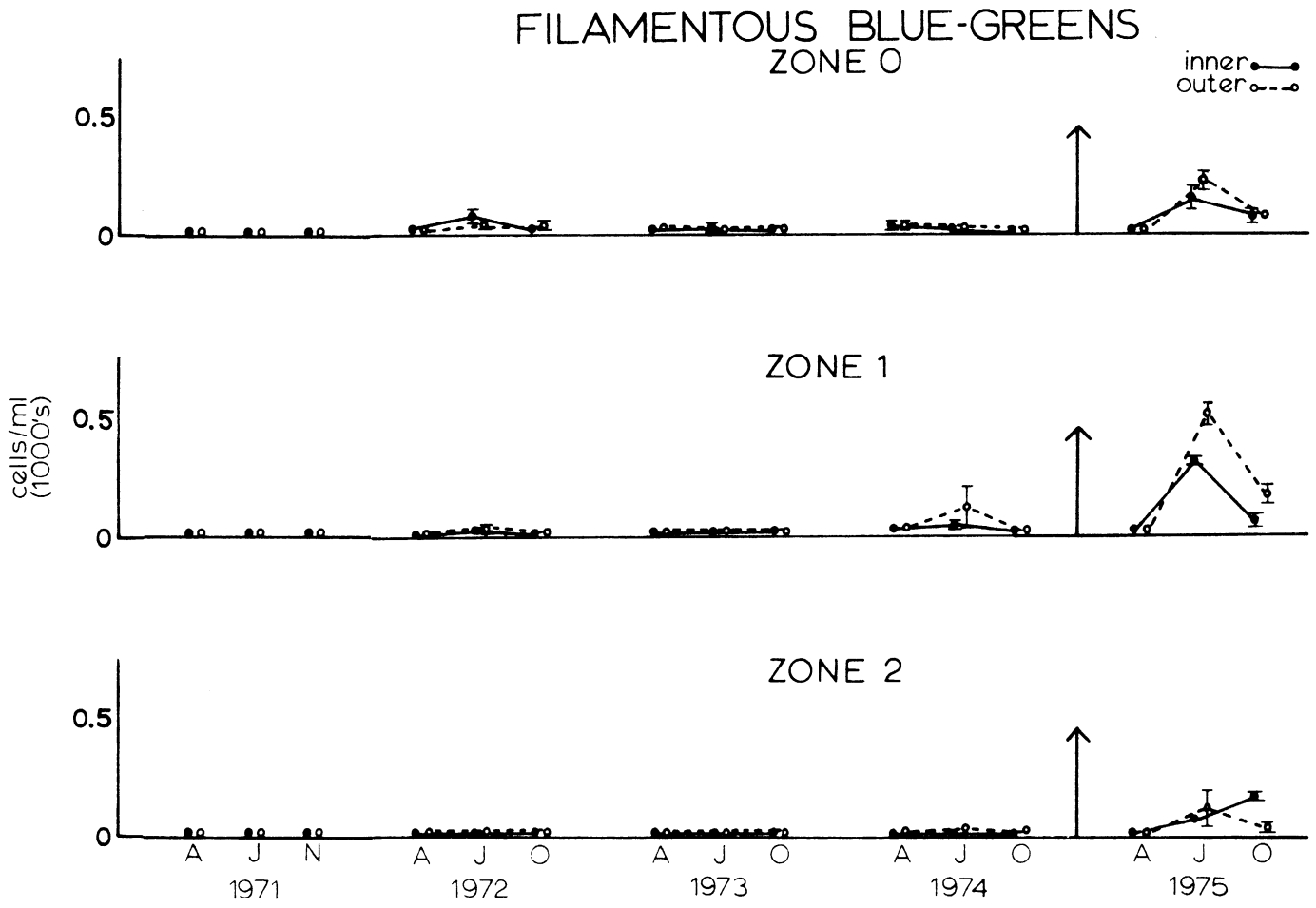


FIG. 5e. Mean abundances of filamentous blue-green algae (cells/ml) in zones 0-2, determined in spring, summer, and fall seasonal surveys in 1971-1975. Where space permits, bars show the standard error. Se Table 7 for standard errors and sample sizes.

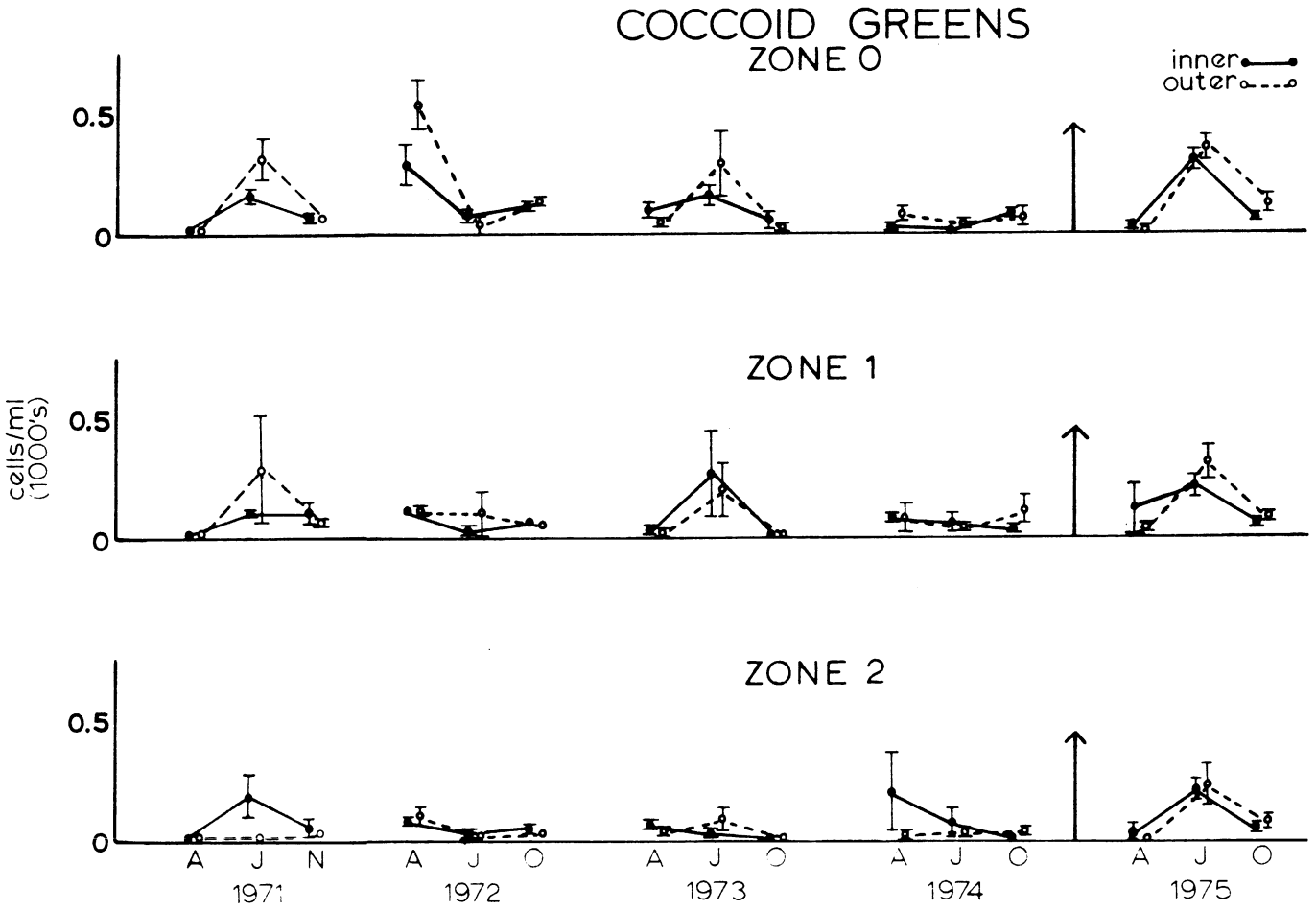


FIG. 5f. Mean abundances of coccoid green algae (cells/ml) in zones 0-2, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

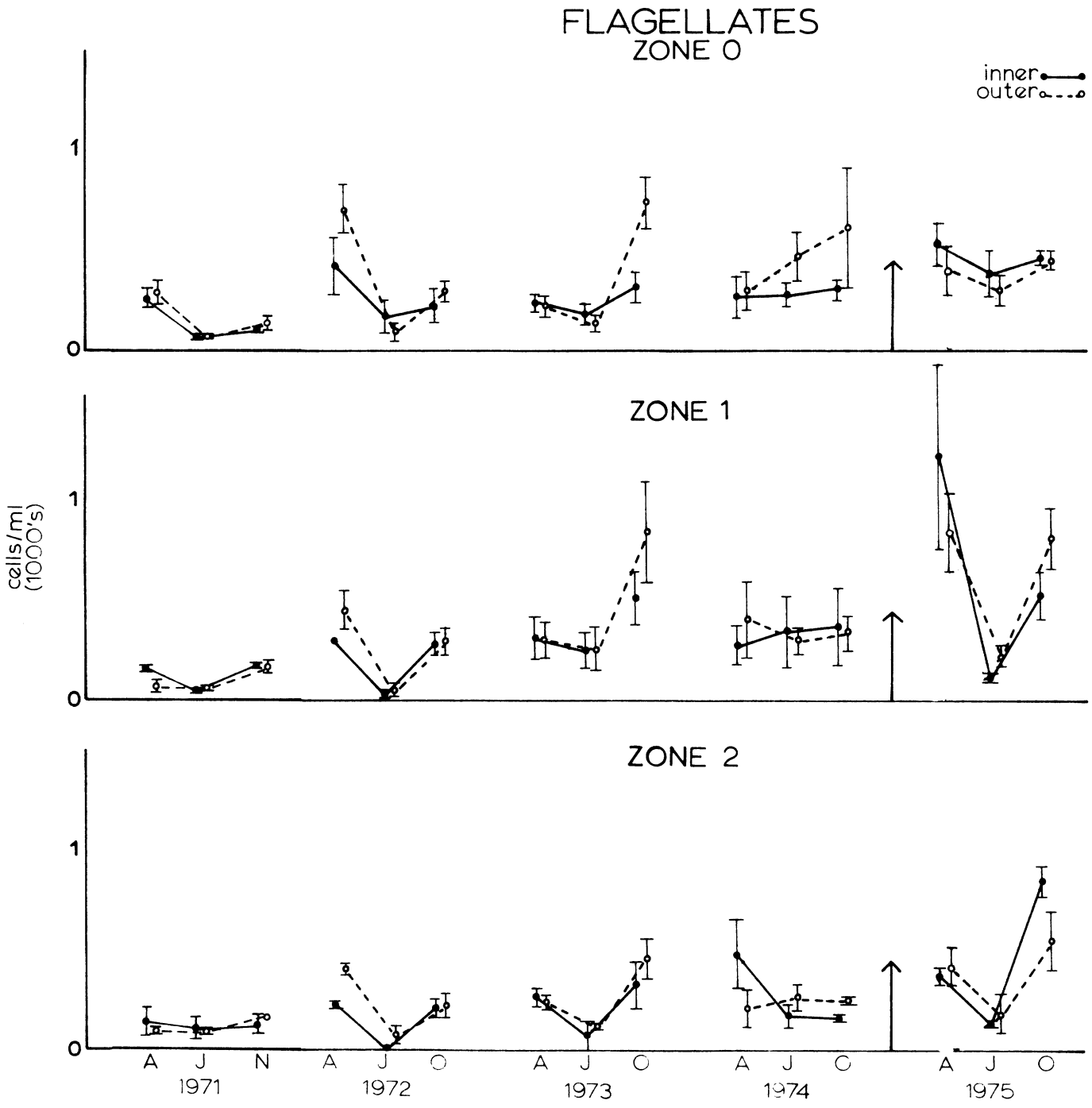


FIG. 5g. Mean abundances of flagellates (cells/ml) in zones 0-2, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

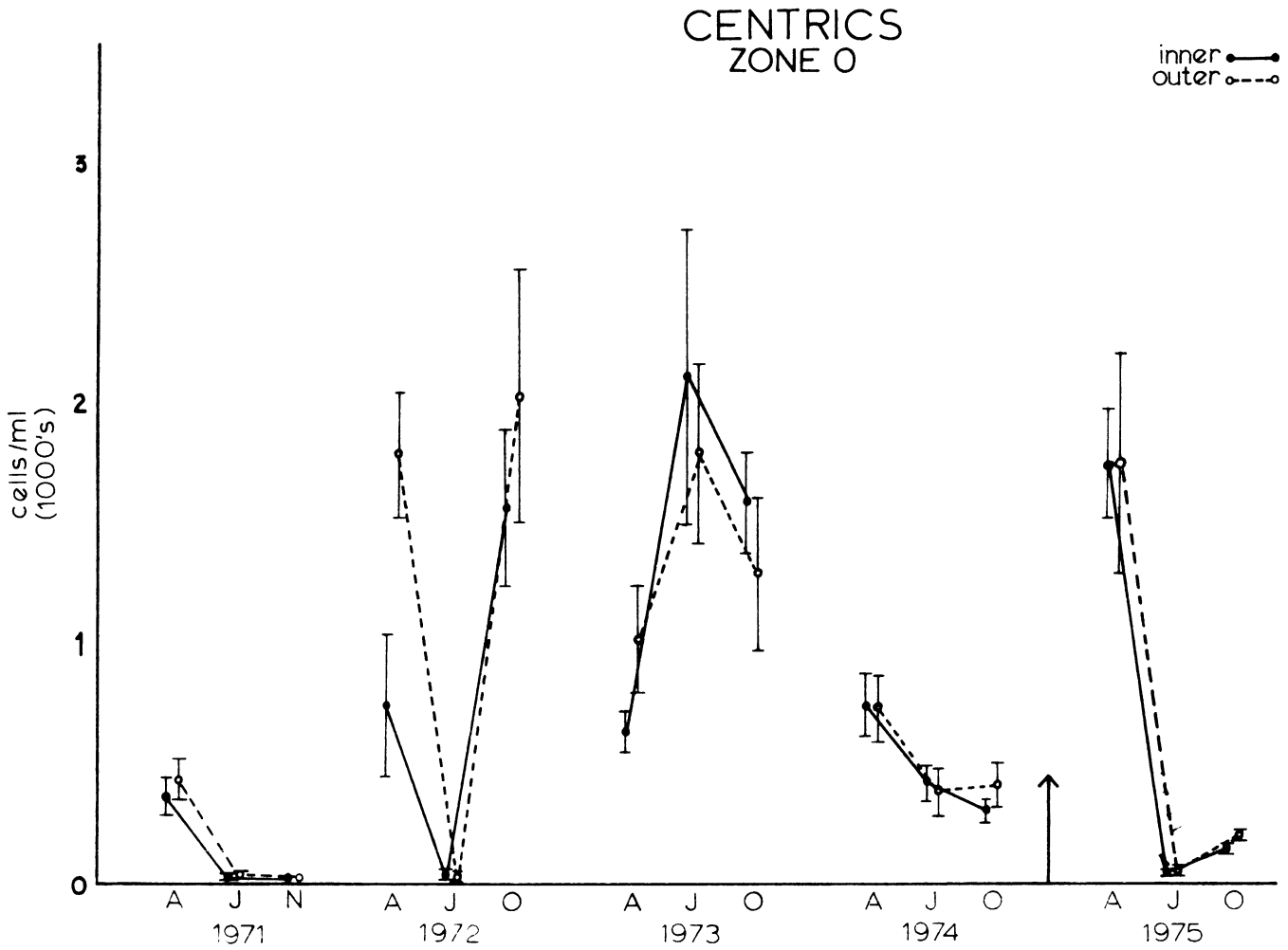


FIG. 5h. Mean abundances of centric diatoms (cells/ml) in zone 0, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

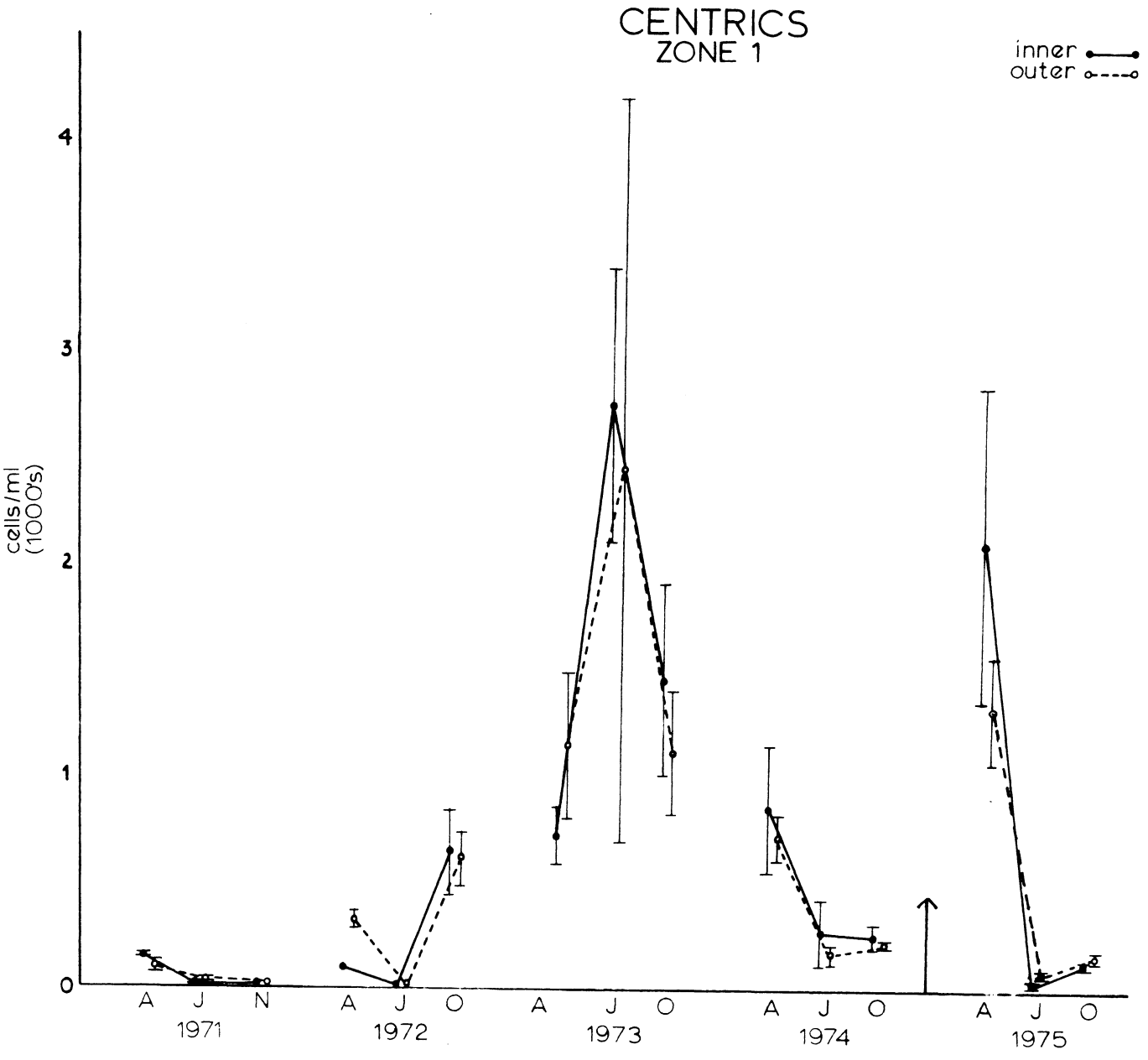


FIG. 5i. Mean abundances of centric diatoms (cells/ml) in zone 1, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

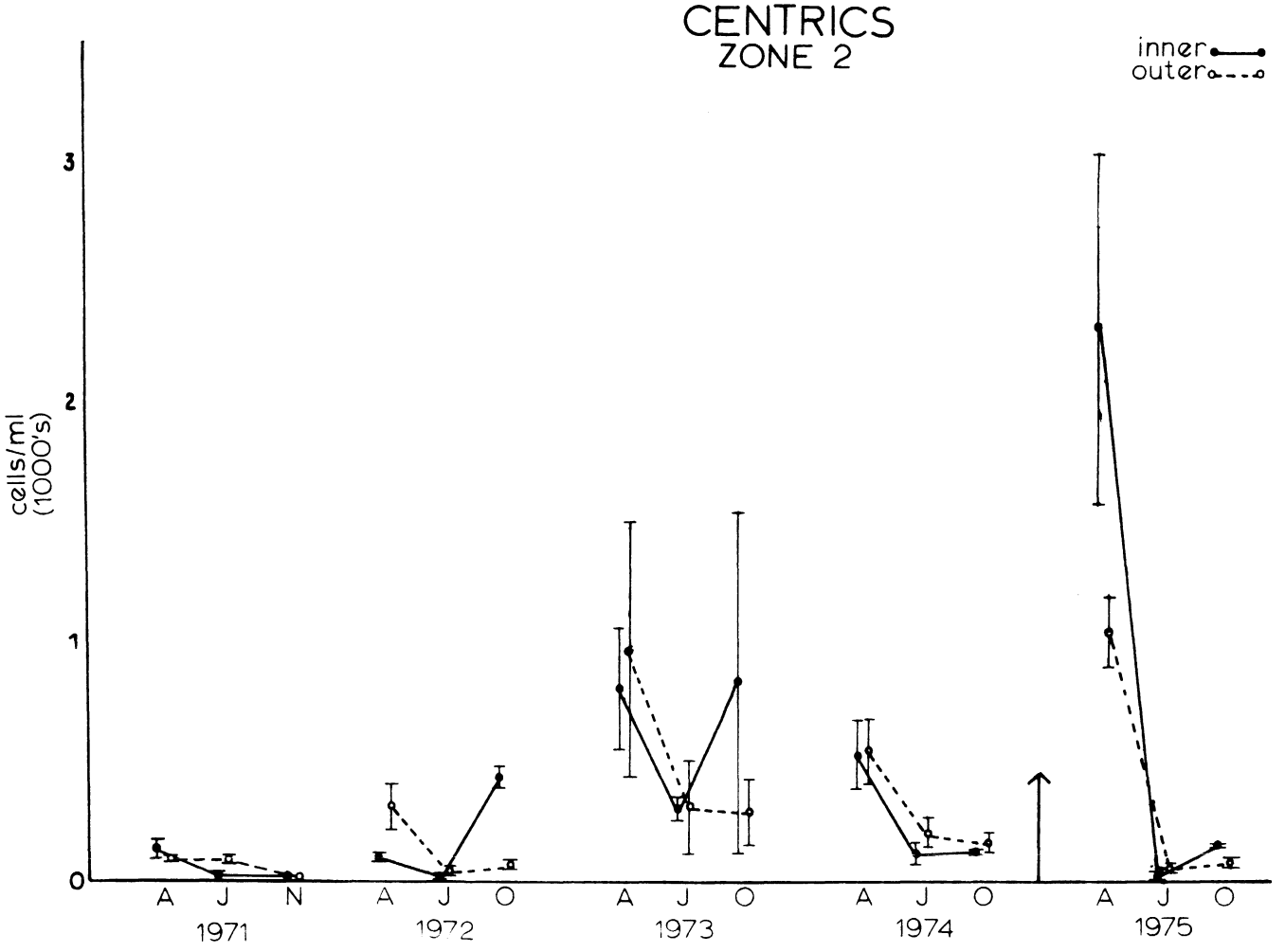


FIG. 5j. Mean abundances of centric diatoms (cells/ml) in zone 2, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

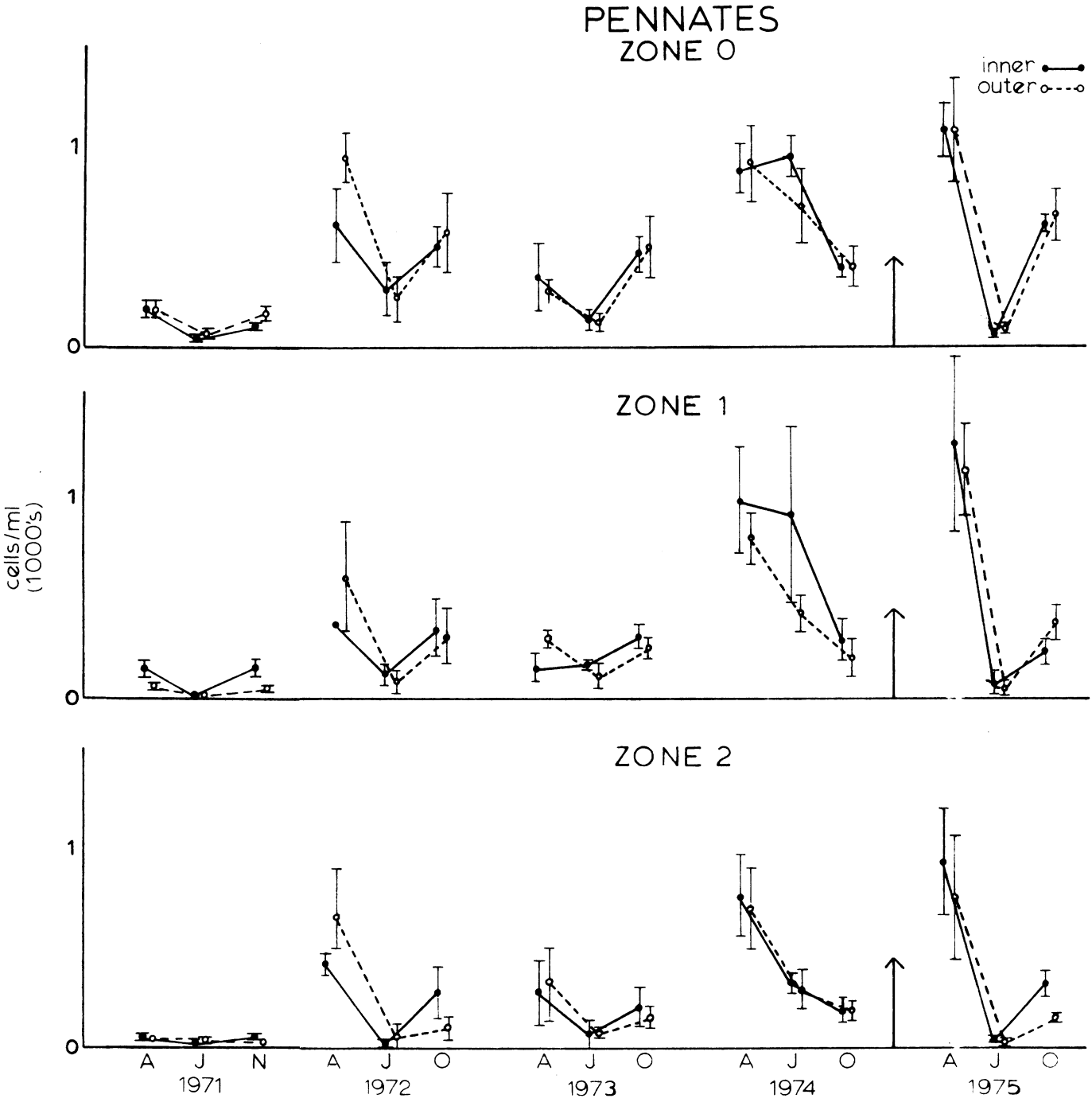


FIG. 5k. Mean abundances of pennate diatoms (cells/ml) in zones 0-2, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

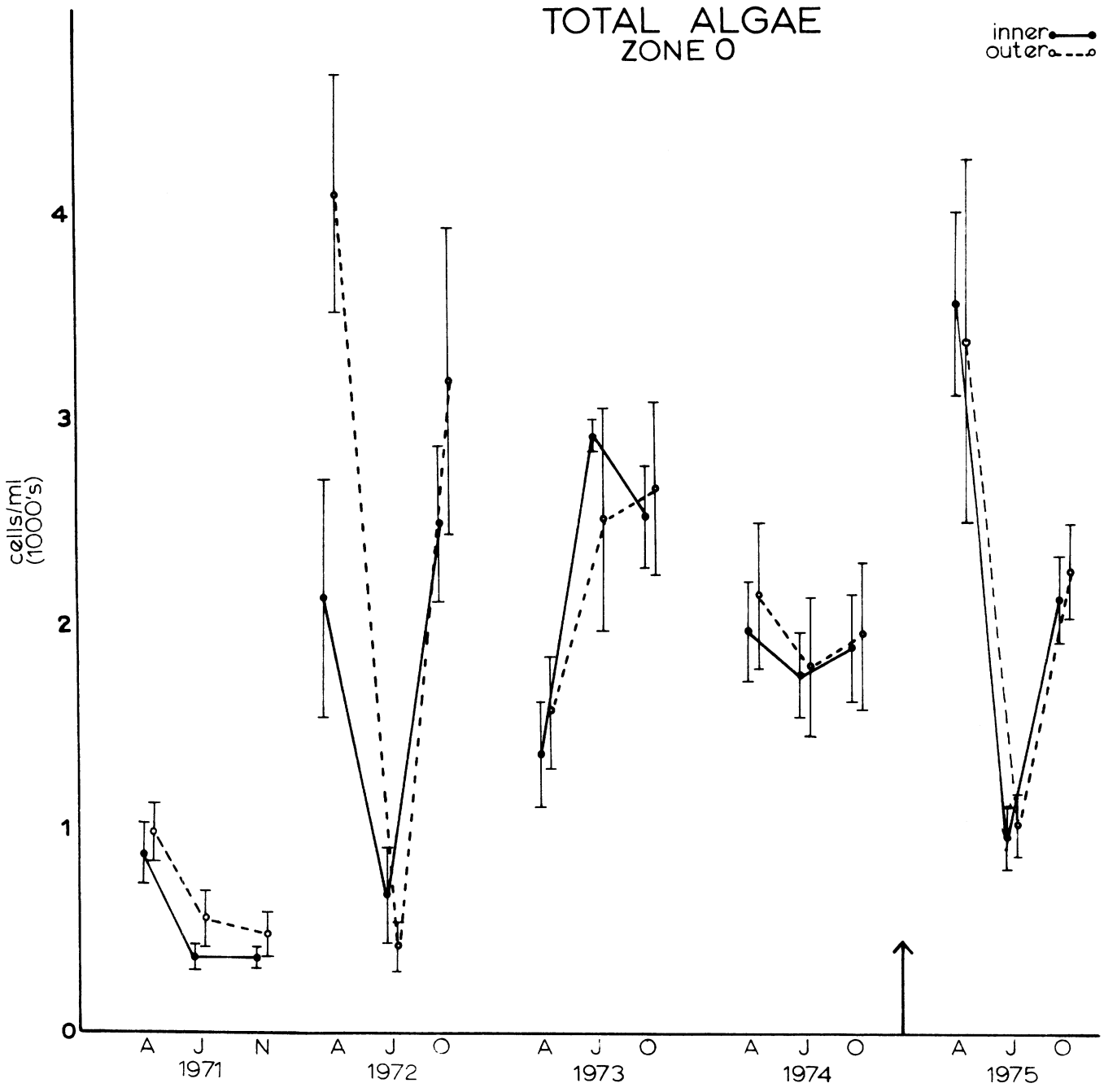


FIG. 5ℓ. Mean abundances of total aglae (cells/ml) in zone 0, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

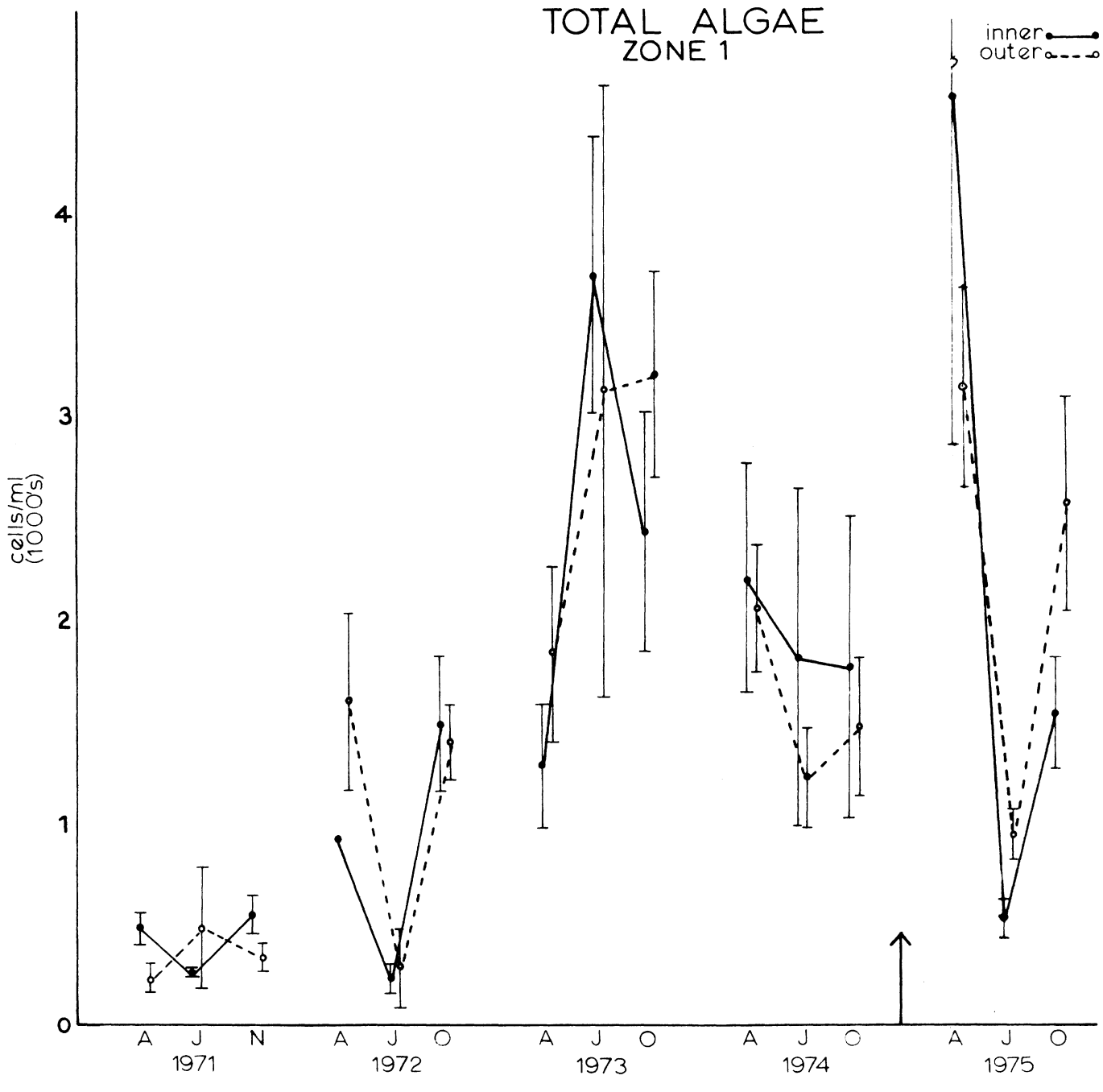


FIG. 5m. Mean abundances of total algae (cells/ml) in zone 1, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

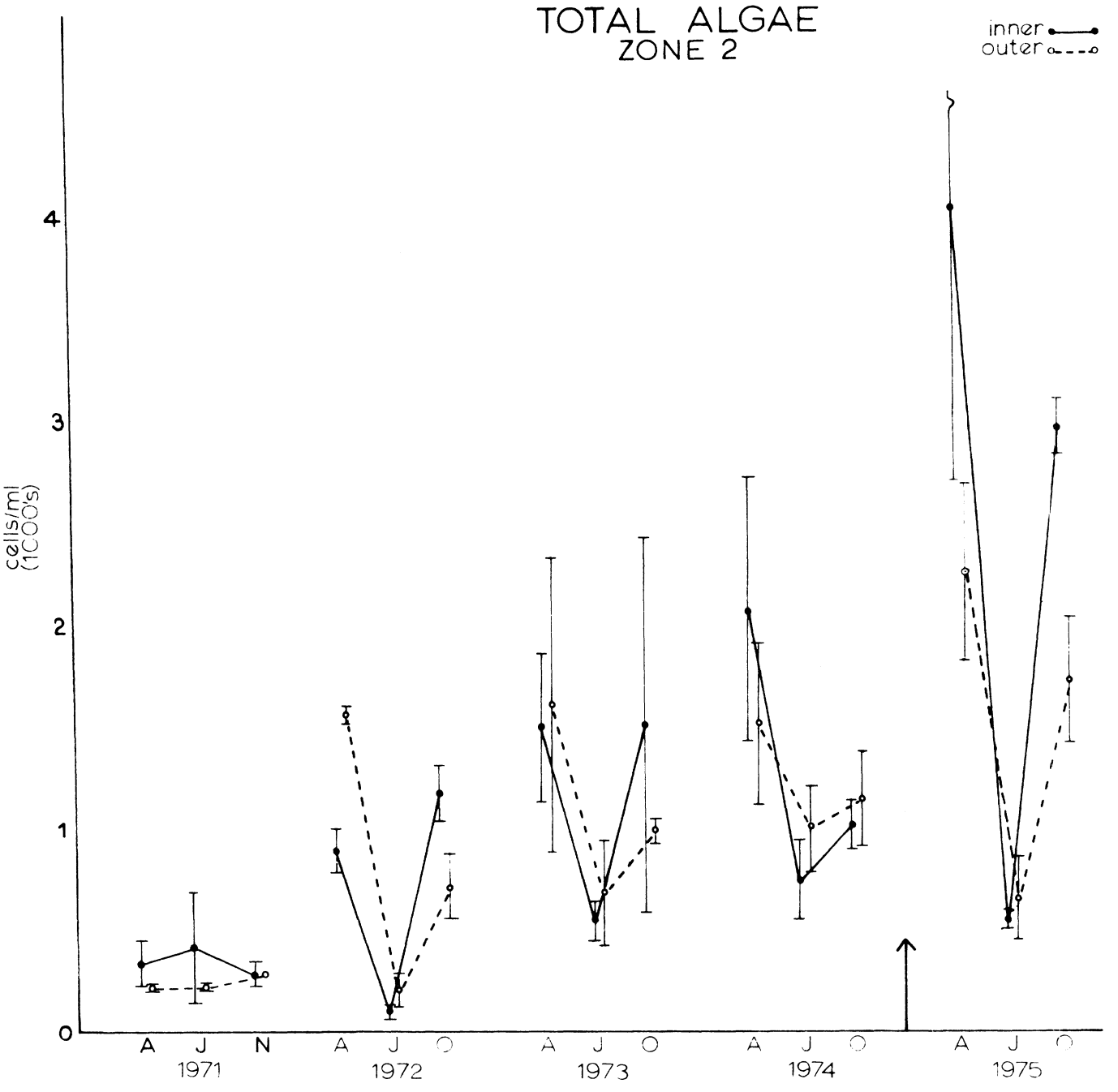


FIG. 5n. Mean abundances of total algae (cells/ml) in zone 2, determined in spring, summer, and fall seasonal surveys in 1971-1975. The bars show the standard error. See Table 7 for sample sizes.

Inner-Outer Graphical Comparisons: Diversity Indices

Although we do not think that diversity indices have much meaning for phytoplankton, and we note that belief in diversity indices is not so great as in the past (see, for example, Hurlbert 1971), we accept Hurlbert's (p. 577) statement that they have "something to do with community structure" and have used them in our assessment of the possible impact of Cook Plant operation on Lake Michigan phytoplankton.

Cairns and Dickson (1975) summarize a somewhat different point of view as follows . . . . . "One of the most widely used means of assessing community structure is the diversity index. There is a wide variety of these each with special advantages and weaknesses. Although diversity indices have been criticized the critics have not offered better alternatives." [emphasis added] . . . . ."Ruth Patrick (1949) and others have noted that while the kinds of species present in the community change with time the number of species and the relative densities of these species are remarkably constant. Thus while the kinds of species in an area may change substantially, changes in species diversity in a healthy system are likely to be rather slight." [emphasis added] "Species diversity assessments are a measure of the structure of the community rather than a list of Latin names of the species present. It is desireable to show that the species diversity characteristics of that particular locale have not been disturbed by heated wastewater discharges." [emphasis added] . . . . . "A heated effluent which simplifies the aquatic community may cause instability and thus nuisance conditions may exist which cost the power plant time and money to overcome." [emphasis added].

As a means of getting at whether the heated wastewater discharge of the Cook Plant has disturbed the species diversity characteristics of the plant

region our diversity index data have been stratified by three depth zones and by inner-outer station groups. Our index is that of Wilhm and Dorris (1968), which uses logarithms to the base 2. Mean diversity indices and associated standard errors for each depth-zone-station-group combination have been computed and are presented in Table 8.

Time plots of mean diversity indices plus and minus one standard error by seasons, by depth zones, and by inner and outer station-groups are given in Figure 6. Also given in the figure are three-season averages of mean diversity indices of inner and outer station-groups for each year; these are plotted in July of each year and connected from year to year by a solid line for inner stations and a dashed line for outer stations. The three-season averages of mean diversity indices are:

	1971	1972	1973	1974	1975
Zone 0					
Inner	3.497	3.163	3.463	3.953	3.833
Outer	3.417	3.103	3.377	3.937	3.903
Zone 1					
Inner	3.197	3.220	3.377	3.783	3.700
Outer	3.357	3.263	3.190	3.673	3.650
Zone 2					
Inner	3.170	3.130	3.200	3.620	3.807
Outer	3.403	3.037	3.233	3.660	3.473

An arrow rising from the horizontal axis indicates the beginning of plant operation in early 1975.

There is a substantial degree of parallelism between the curves for mean diversity indices at inner and outer station groups in each year, though it is not so pronounced as in the inner-outer comparisions of phytoplankton abundances (Figure 5). In general, the parallelism between inner and outer station-group curves improves from 1971 through 1975; no reason

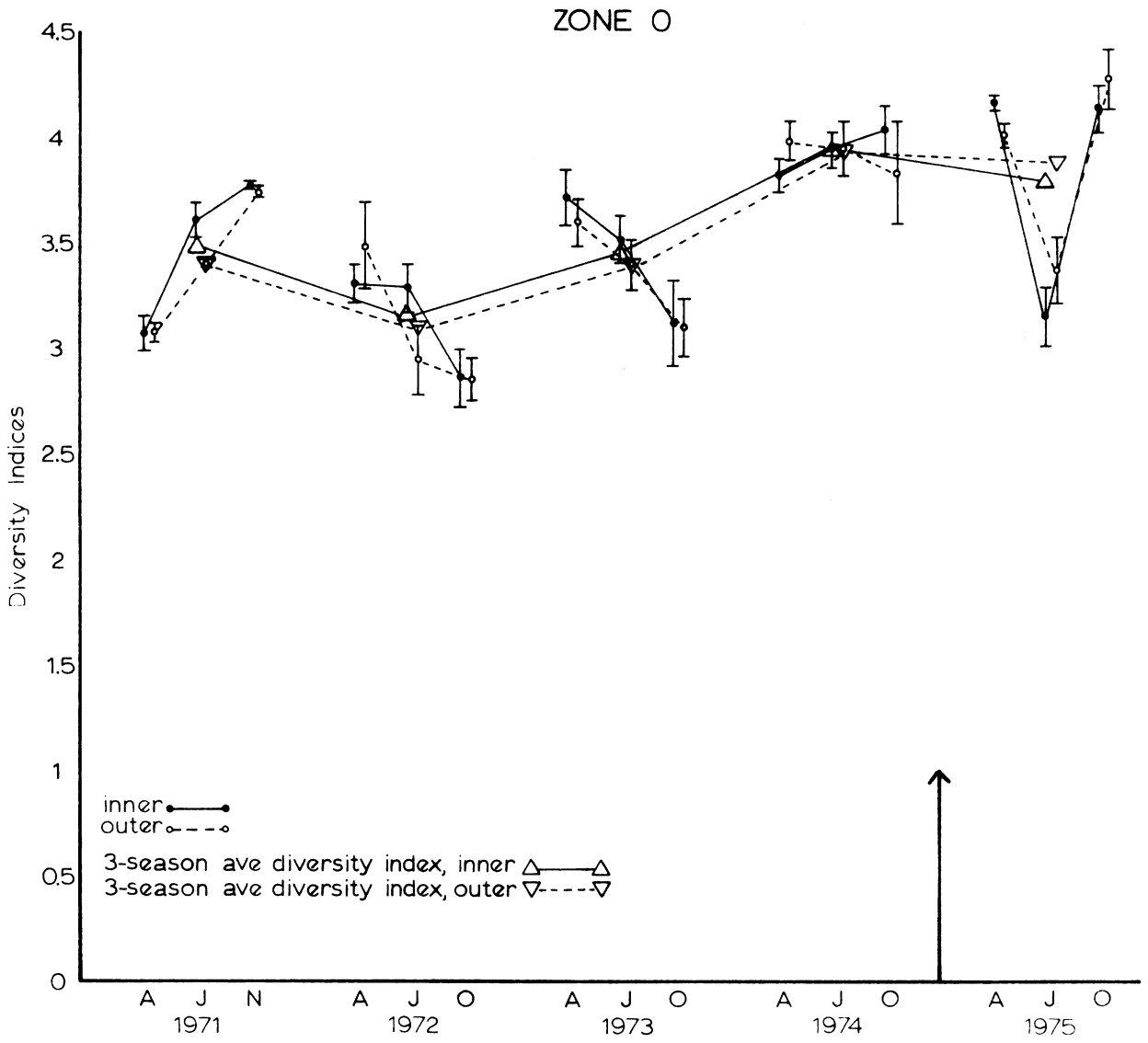


FIG. 6a. Mean diversity indices in zone 0 by spring, summer, and fall seasons and by inner and outer stations groups in 1971 - 1975. Averages of three-season mean diversity indices are plotted in July of each year and connected from year to year. The vertical bars show the standard error. See Table 8 for sample sizes.

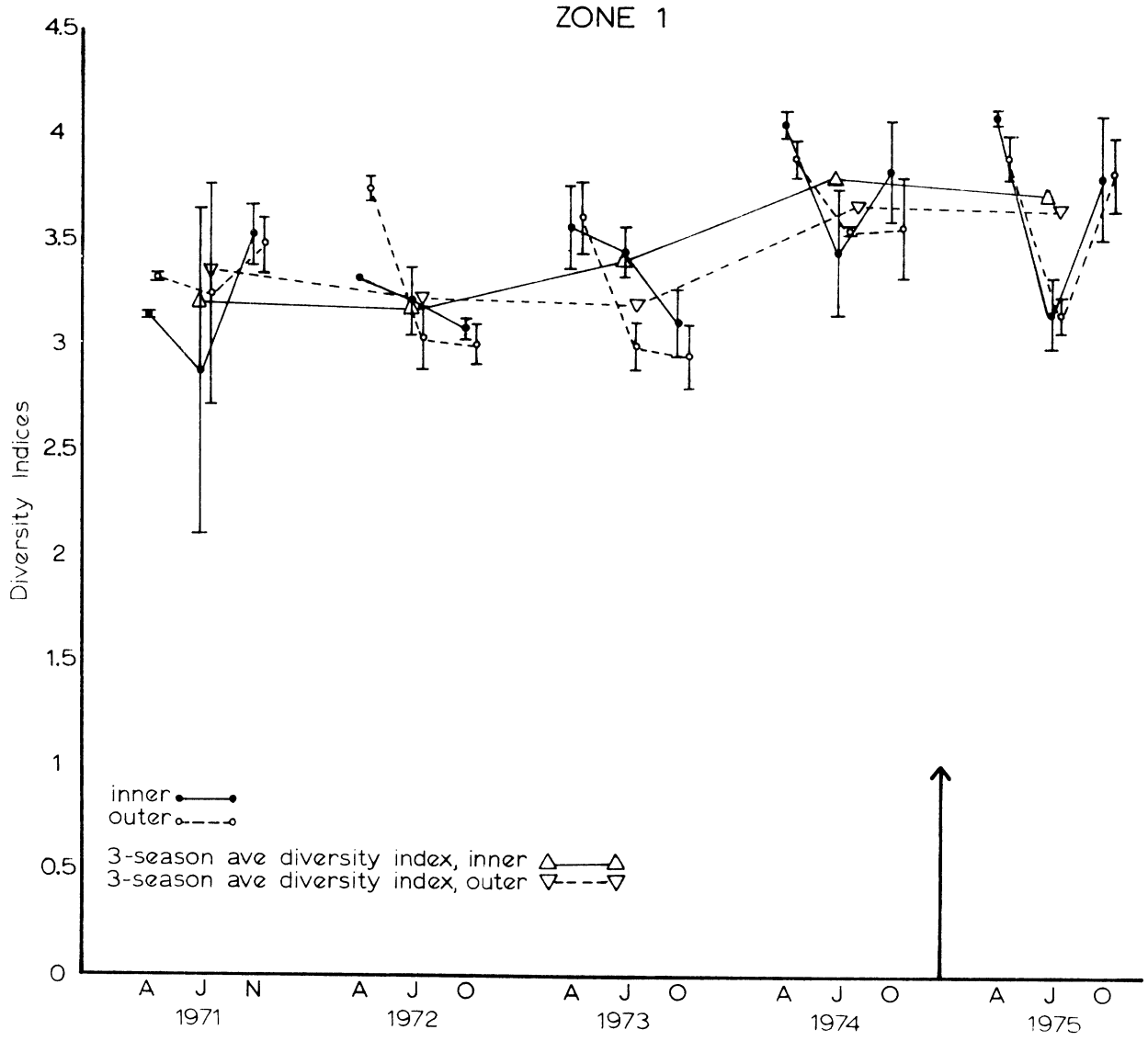


FIG. 6b. Mean diversity indices in zone 1 by spring, summer, and fall seasons and by inner and outer station groups in 1971 - 1975. Averages of three-season mean diversity indices are plotted in July of each year and connected from year to year. The vertical bars show the standard error. See Table 8 for sample sizes.

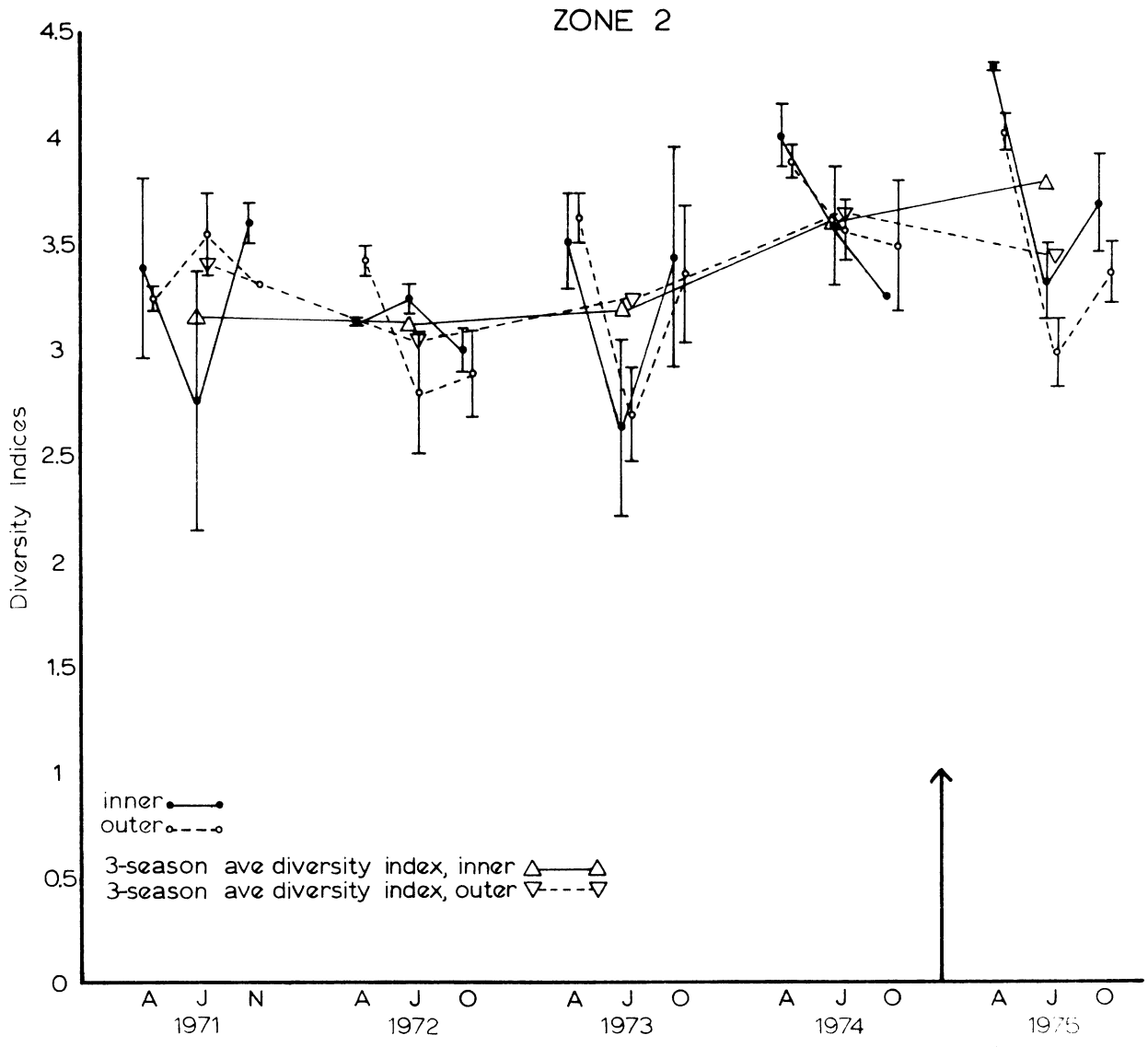


FIG. 6c. Mean diversity indices in zone 2 by spring, summer, and fall seasons and by inner and outer station groups in 1971 - 1975. Averages of three-season mean diversity indices are plotted July of each year and connected from year to year. The vertical bars show the standard error. See Table 8 for sample sizes.

for this can be given at the present time.

As was the case in inner-outer comparisons of phytoplankton abundances, there is no consistent numerical superiority of either inner or outer station groups in the several survey months.

Inspection of the curves in Figure 6 shows that, although there are season to season and year to year variations in mean diversity indices, the variations mostly fall into the range from 3.00 to 4.00 which is variation within 22.2% of the 0 to 4.5 range of diversity indices. It appears that the phytoplankton of the Cook Plant region meet the Cairns-Dickson criterion of having a rather slight variation in diversity, i. e. they are a healthy system.

The inner-outer curves for each year show a generally upward displacement from 1972 through 1974. So, too, do the curves connecting the three-season average diversity indices from year to year. The mean diversities for operational 1975 are essentially the same as for 1974 in spring and fall. The summer crash of diatoms in July 1975 is reflected in lower mean diversity indices. The curves of three-season averages show no significant decline in diversity near the plant in 1975. Stoermer and Yang 1969 (cited in Tarapchak and Stoermer 1976 page 39) have pointed out that there is in Lake Michigan a tendency for diversity to increase with eutrophication. rather than to decrease as might be expected on the basis of theory. The upward trends of the diversity curves from 1972 through 1974 are compatible with the known increasing eutrophication of the lake.

There is no convincing evidence that plant operation simplified the local phytoplankton community in operational 1975, or that the average diversity characteristics of the locale were disturbed by the heated waste-water discharge during 1975.

Inner-Outer Graphical Comparisons: Numbers of Forms.

In this section the term "form" includes organisms identified to genus and species (e.g., *Asterionella formosa*), organisms identified only to genus (e.g., *Melosira* sp. or spp.), composite groups of unidentified organisms (e.g., Flagellates), and the unfamiliar new forms which entered the phytoplankton population after 1972.

As was done in the cases of phytoplankton abundances and diversity indices, the data on numbers of forms have been stratified by depth zones and inner-outer station groups in each of the three seasons. Mean numbers of forms and associated standard errors have been computed and are presented in Table 9.

Time plots of mean numbers of forms by seasons (spring, summer, and fall), by depth zones, and by inner-outer station groups are given in Figure 7. Also included in the figure are, for each year, three-season averages of mean numbers of forms at inner and outer station-groups; these are plotted in July of each year and are connected from year to year by a solid line for inner stations and a dashed line for outer stations.

The three-season averages of mean numbers of forms are:

	1971	1972	1973	1974	1975
Zone 0					
Inner	28.043	35.026	47.590	51.523	58.386
Outer	28.683	37.303	43.976	53.500	59.470
Zone 1					
Inner	27.500	38.223	49.886	49.003	48.996
Outer	28.693	40.000	44.416	48.500	46.416
Zone 2					
Inner	31.000	36.000	39.500	45.166	59.000
Outer	28.917	29.917	36.556	41.000	40.500

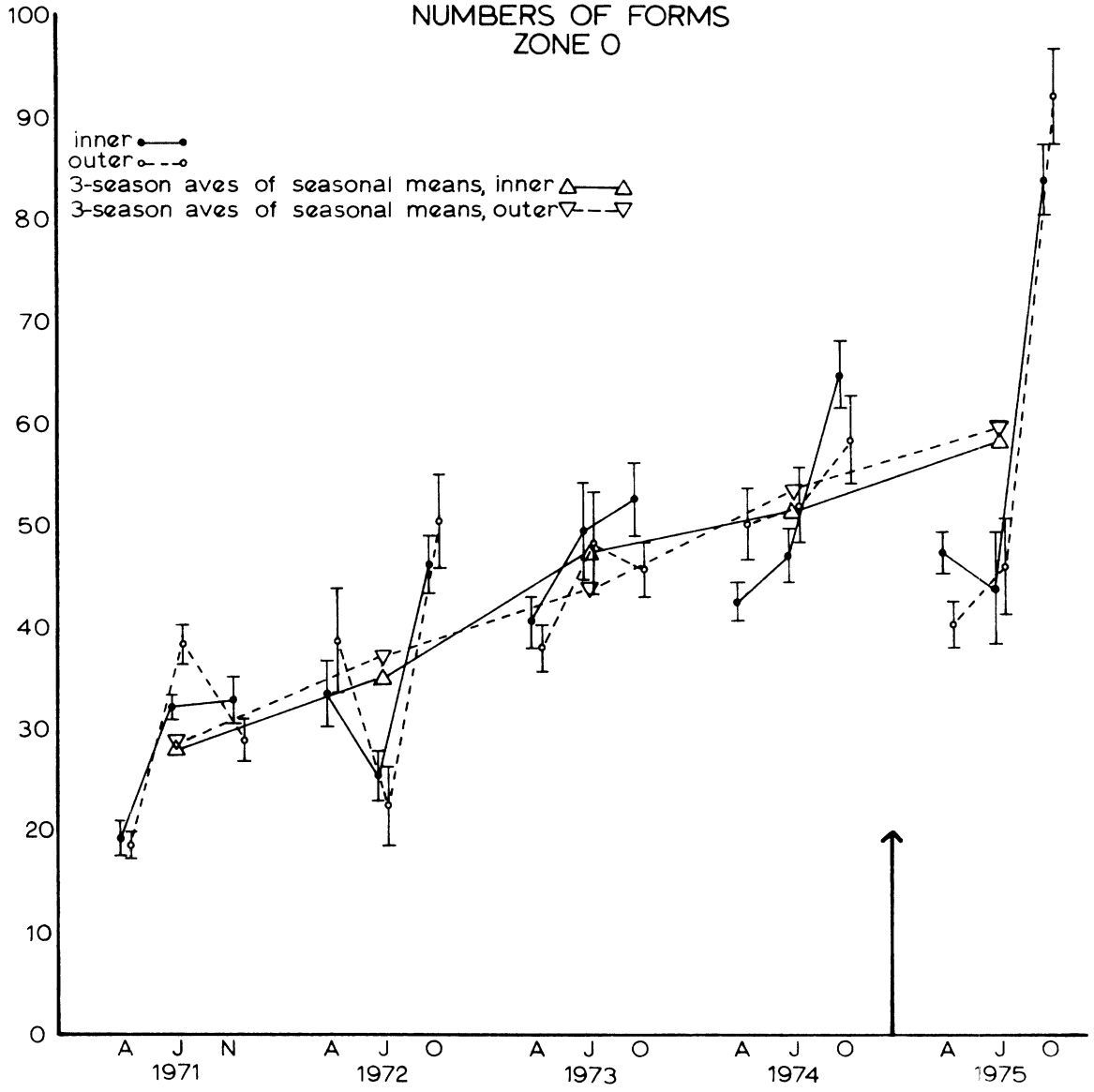


FIG. 7a. Mean numbers of phytoplanktonic forms in zone 0 by spring, summer, and fall seasons and by inner and outer station groups in 1971 - 1975. Averages of three-season mean numbers of forms are plotted in July of each year and connected from year to year. The vertical bars show the standard error. See Table 9 for sample sizes.

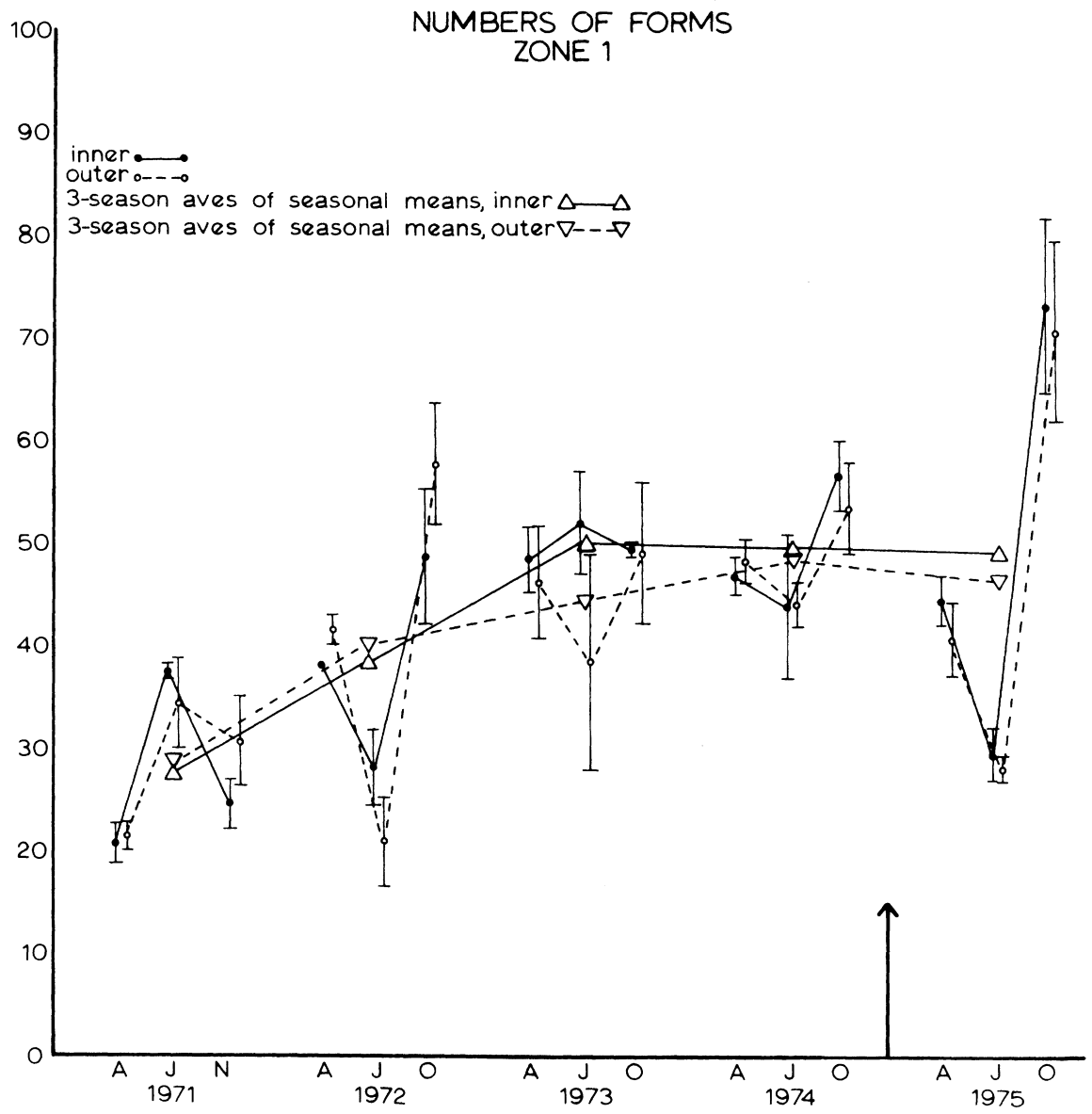


FIG. 7b. Mean numbers of phytoplanktonic forms in zone 1 by spring, summer, and fall seasons and by inner and outer station groups in 1971 - 1975. Averages of three-season mean numbers of forms are plotted in July of each year and connected from year to year. The vertical bars show the standard error. See Table 9 for sample sizes.

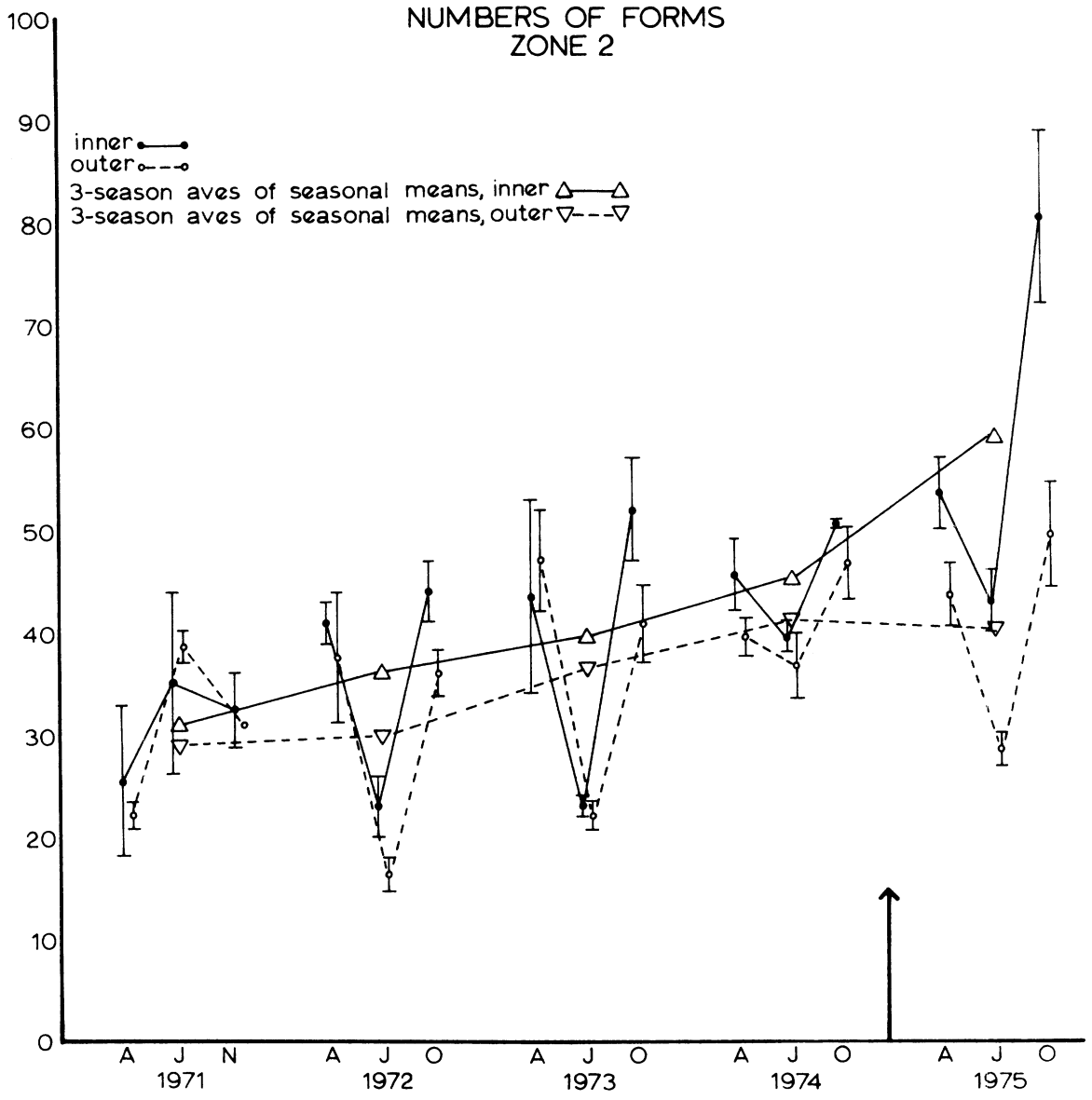


FIG. 7c. Mean numbers of phytoplanktonic forms in zone 2 by spring, summer, and fall seasons and by inner and outer station groups in 1971 - 1975. Averages of three-season mean numbers of forms are plotted in July of each year and connected from year to year. The vertical bars show the standard error. See Table 9 for sample sizes.

An arrow rising from the horizontal axis indicates the beginning of plant operation in early 1975.

Within each year there is a substantial degree of parallelism between the curves for mean numbers of forms at inner and outer station groups. Only in July 1973 in zone 1 is there a strong failure of parallelism; in that month the number of forms in inner stations increased while the number in outer stations decreased.

In zones 0 and 1 there is no consistent tendency for either inner or outer stations to have more forms. In zone 2, offshore from the plant and in 16 - 24 m of water, the inner stations had more forms than the outer in all months except July 1971 and April 1973.

In zone 0 both the seasonal inner-outer curves for numbers of forms and the three-season-average curves show a progressive increase in numbers of forms from 1971 through 1975, though 1975 was enabled to continue the trend only by large numbers occurring in October.

In zone 1 the rising trend in numbers of forms plateaued in 1973 and 1974 and remained essentially unchanged in 1975.

Zone 2 has been characterized since 1971 by fewer forms in the outer station-group. In these stations a rising trend plateaued in 1974 and 1975. The inner stations of zone 2 have since 1971 typically had more forms than the outer stations. A noticeable increase in numbers of forms in the inner stations in 1975 may possibly be an effect of plant operation during that year, but the distance of these stations offshore and the lack of similar noticeable increase in the inner stations of zone 1 where the thermal plume is discharged, argue against such a conclusion.

CONCLUSIONS

Several aspects of the in-lake phytoplankton community of southern Lake Michigan near the Cook Nuclear Plant have been examined for differences between conditions in the preoperational years 1971 through 1974 and the operational year 1975. The object has been to ascertain whether differences attributable to plant operation during 1975 were demonstrable in the 1975 phytoplankton.

Conditions of spring warming during April surveys are frequently such that the thermal bar is present within the grid of sampling stations. The April survey of 1972 took place before the establishment of the thermal bar; that of 1973 occurred after the disappearance of the thermal bar; in the April surveys of 1971, 1974, and 1975 the thermal bar was present. During thermal conditions in 1971 and 1974 the distributions of phytoplankton showed increased cell densities landward of the bar where the water was warmest. April 1975 showed high phytoplankton densities in warmer water nearest shore and in a passing cold water mass rich in phytoplankters; mixing between the two water masses was indicated by intermediate cell densities along the thermal bar.

Phytoplanktonic forms numerically dominant or codominant in April surveys have been diatoms and flagellates in the preoperational years and in operational 1975. Summer dominants and codominants in July surveys showed an absence of blue-green dominants in 1973, a substantial drop in diatom dominance between the preoperational years 1973 and 1974, and a month-early crash in diatom dominance in 1975. Whether the 1975 condition was an effect of plant operation cannot be determined at present. Dominants and codominants in operational October 1975 were identical to those of preoperational October 1972.

Since 1972 sixteen new phytoplankton forms (exclusive of newly-recognized species of previously present genera) have entered the phytoplankton community sampled in the Cook Plant region. The new forms consist of 7 diatoms, 4 flagellates, 1 "other algae", 3 green algae, and 1 blue-green alga. The complex of new forms is a complex indicating the long standing and continuing eutrophication of the inshore waters of Lake Michigan, rather than one indicating any effect of Cook Plant operation.

Total phytoplankton abundances show typical high variation from year to year, with no clear-cut evidence that operation of the plant in 1975 had any effect on the size of the in-lake phytoplankton community.

Of the ten major categories of phytoplankton in the three depth zones the great majority showed in operational 1975 abundances that were not different from abundances in preoperational years. Filamentous blue-green algae in July 1975 reached, in all zones, abundance values higher than previously recorded but in all three zones abundances at the outer stations were higher than at stations near the plant. Flagellates at both inner and outer station groups reached, in April 1975 in zone 1, abundances higher than in preoperational years. Only at the inner stations of zone 2 (stations at 1 and 2 miles from the plant) were there levels of abundances not duplicated during the preoperational years; there, coccoid blue-green algae, filamentous blue-green algae, flagellates, and total algae reached abundances not previously found. In this zone and station group, also, centric diatoms and total algae reached abundances higher than previously in April 1975. Since the plant's thermal discharge reaches these stations little if any of the time the higher abundances there are attributed to some in-lake factor other than the operation of Cook Plant in 1975.

Wilhm and Dorris diversity indices using logarithms to the base 2 have varied only slightly during the five years of study. They have not indicated changed diversity characteristics of the phytoplankton community in operational 1975. The small changes in diversity indices in stations near the plant have, with one exception, been well matched by similar changes in reference stations away from the plant. In July of 1975 diversity in stations offshore from the plant was higher than at the reference stations. If this is to be considered a plant effect it must be considered a healthy one, rather than a deleterious one.

Numbers of phytoplankton forms at stations near the plant and at the reference stations away from the plant have increased during the period of study. In zone 0 (0 to 8 m water depth) the numbers of forms have increased each year since 1971 in both the near-plant and reference stations. In zone 2 (16 to 24 m) numbers of forms have increased each year in stations near the plant. In zone 1 (8 to 16 m) numbers of forms increased each year to 1974 then plateaued in 1975; numbers of forms at the reference stations of zone 2 also increased to 1974 and plateaued in 1975. There is nothing in the data on numbers of forms to indicate that plant operation has had the undesirable effect of simplifying the phytoplankton community.

In summary, operation of the Cook Plant during 1975 produced little, if any, demonstrable effect on the phytoplankton community sampled in southeastern Lake Michigan.

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TABLE 2. Phytoplankton summary. Units: Cells per milliliter; surface temperature, C°; ND = Not Determined.

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
						20 APRIL 1974						
DC-1	7.4	0	33	100	0	319	358	690	0	9	1510	*Fragilaria crotonensis* Flagellates
DC-2	7.6	0	15	58	0	256	252	518	0	6	1104	Flagellates
DC-3	7.2	0	17	360	4	670	673	961	4	32	2719	Flagellates
DC-4	6.2	0	26	56	2	321	384	566	0	56	1410	Flagellates
DC-5	5.1	0	7	4	2	204	451	382	0	4	1054	Flagellates *Synedra filiformis*
DC-6	3.4	0	4	9	2	65	226	384	2	4	696	*Synedra filiformis* *Melosira italica*
NDC-.5-0	ND	0	7	0	5	0	1115	1127	0	5	2259	*Fragilaria crotonensis* *Stephanodiscus tenuis*
NDC-.5-2	7.5	4	0	30	0	362	148	352	4	9	909	Flagellates
NDC-1-0	ND	0	0	6	6	48	473	532	0	0	1065	*Fragilaria crotonensis* *Stephanodiscus tenuis*
NDC-1-1	7.2	0	60	19	0	287	1173	1387	0	7	2933	*Fragilaria crotonensis*
NDC-1-2	7.3	0	24	65	2	433	982	1057	0	5	2569	Flagellates *Fragilaria crotonensis* *Stephanodiscus tenuis* *Stephanodiscus minutus*
NDC-2-0	ND	274	43	238	0	299	1358	436	0	91	2740	*Melosira granulata*
NDC-2-1	7.0	0	31	12	2	58	1174	1014	0	0	2291	*Stephanodiscus tenuis*
NDC-2-3	6.8	1	22	7	1	465	866	631	0	17	2009	Flagellates *Stephanodiscus tenuis*
NDC-4-0	ND	0	31	0	0	0	730	905	0	5	1671	*Fragilaria crotonensis*
NDC-4-1	7.0	48	72	116	48	347	595	768	0	19	2013	*Fragilaria crotonensis* Flagellates
NDC-4-3	6.3	0	10	72	0	296	407	836	0	7	1628	*Fragilaria crotonensis*
NDC-4-4	3.4	0	10	11	0	142	276	231	0	6	675	Flagellates *Fragilaria crotonensis*
NDC-7-1	8.0	0	31	0	4	0	152	520	0	5	712	*Fragilaria crotonensis*
NDC-7-3	7.8	0	32	258	0	881	479	1017	4	48	2718	Flagellates
NDC-7-5	5.3	0	10	0	0	0	429	525	0	0	963	*Fragilaria intermedia* v. *fallax* *Fragilaria crotonensis* *Stephanodiscus tenuis*

TABLE 2 continued.

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
20 APRIL 1974 cont.												
SDC-.5-0	ND	0	48	2	2	26	913	1161	1	0	2154	*Fragilaria crotonensis*
SDC-.5-2	7.7	2	22	6	0	668	492	672	0	15	1875	Flagellates
SDC-1-0	ND	0	53	0	5	26	1067	1110	0	0	2261	*Stephanodiscus tenuis* *Fragilaria crotonensis*
SDC-1-1	7.7	0	48	93	15	768	924	961	4	4	2816	Flagellates
SDC-1-2	7.7	0	19	100	11	163	1276	1384	0	19	2972	*Fragilaria crotonensis*
SDC-2-0	ND	0	5	5	0	208	338	303	0	4	863	Flagellates
SDC-2-1	8.0	0	12	5	0	108	571	780	2	11	1489	*Fragilaria crotonensis* *Stephanodiscus tenuis*
SDC-2-2	7.8	0	29	10	0	4	583	592	0	14	1232	*Stephanodiscus tenuis*
SDC-4-0	ND	0	54	123	6	790	336	1430	2	52	2793	*Fragilaria crotonensis* Flagellates
SDC-4-1	7.8	169	14	140	0	400	653	840	2	29	2246	*Fragilaria crotonensis* Flagellates
SDC-4-3	6.6	0	26	26	4	408	916	1183	0	22	2586	*Fragilaria crotonensis*
SDC-4-4	3.7	0	1	0	1	70	212	184	0	1	469	*Synedra filiformis*
SDC-7-1	7.6	0	4	126	7	731	1399	2293	0	19	4578	*Fragilaria crotonensis*
SDC-7-3	7.3	0	11	17	0	339	899	1000	0	1	2268	*Fragilaria crotonensis* Flagellates *Stephanodiscus tenuis*
SDC-7-5	5.4	0	0	2	0	175	439	232	0	10	858	Flagellates *Stephanodiscus tenuis*

TABLE 2. continued

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
					11 JULY 1974							
DC-0	ND	7	7	17	17	165	256	666	0	24	1159	*Fragilaria crotonensis*
DC-1	12.2	4	7	7	15	417	369	770	2	33	1625	Flagellates *Fragilaria crotonensis*
DC-2	15.0	0	2	15	7	223	112	127	3	25	514	Flagellates
DC-3	16.6	0	2	15	2	133	67	290	7	73	589	*Fragilaria crotonensis*
DC-4	18.0	0	6	147	11	247	154	349	4	58	974	*Fragilaria crotonensis*, Flagellates
DC-5	20.3	0	2	0	7	12	550	248	0	11	831	*Stephanodiscus tenuis*, *Fragilaria crotonensis*
DC-6	21.2	45	4	167	19	408	1020	564	122	230	2578	*Fragilaria crotonensis*, *Thalassiosira pseudonana*, Flagellates
NDC.5-0	ND	0	8	43	17	242	376	984	2	35	1707	*Fragilaria crotonensis*
NDC.5-1	13.0	0	0	0	43	41	508	839	0	0	1431	*Fragilaria crotonensis*
NDC.5-2	13.0	108	53	17	7	376	366	1004	10	48	1989	*Fragilaria crotonensis*
NDC 1-0	ND	96	24	46	17	339	888	1640	2	46	3099	*Fragilaria crotonensis*
NDC 1-1	12.8	0	0	0	0	246	701	1035	2	43	2027	*Fragilaria crotonensis*
NDC 1-2	14.5	157	43	132	82	703	592	1611	2	55	3378	*Fragilaria crotonensis*
NDC 2-0	ND	0	0	46	0	470	804	1669	0	125	3113	*Fragilaria crotonensis*
NDC 2-1	12.5	72	13	0	53	163	284	347	1	17	950	*Fragilaria crotonensis*, Flagellates
NDC 2-3	15.9	185	46	2	7	411	271	386	1	12	1322	Flagellates
NDC 4-0	ND	24	16	64	0	500	502	616	7	19	1748	Flagellates *Fragilaria crotonensis*
NDC 4-1	13.0	0	51	51	17	1144	797	937	0	96	3092	Flagellates
NDC 4-3	17.3	54	28	112	69	407	361	358	1	85	1475	Flagellates *Fragilaria crotonensis*
NDC 4-4	20.7	39	0	36	2	204	149	80	2	8	519	Flagellates
NDC 7-1	17.8	370	19	178	31	336	240	321	0	261	1756	*Anacystis incerta*, Flagellates
NDC 7-3	19.0	81	359	89	2	388	163	646	5	119	1852	*Fragilaria crotonensis*, *Anabaena flos-aquae*
NDC 7-5	19.6	80	22	12	1	142	137	89	1	13	498	Flagellates, *Cyclotella stelligera*, *Anacystis incerta*

TABLE 2. continued.

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
					11 JULY 1974 continued							
SDC.5-1	13.2	1	1	0	48	17	301	698	0	0	1067	*Fragilaria crotonensis*
SDC.5-2	16.2	5	58	24	0	155	212	353	4	49	860	*Fragilaria crotonensis*, Flagellates
SDC 1-0	ND	39	0	0	0	744	433	1471	2	60	2750	Flagellates, *Fragilaria crotonensis*
SDC 1-1	13.5	0	0	0	0	366	236	949	2	41	1594	*Fragilaria crotonensis* Flagellates, *Tabellaria fenestrata* v. *intermedia*
SDC 1-2	17.3	0	34	53	140	183	91	1043	2	43	1589	*Fragilaria crotonensis*
SDC 2-0	ND	0	10	39	14	1079	378	1348	2	43	2913	Flagellates
SDC 2-1	16.8	30	0	30	49	149	118	362	4	42	785	*Fragilaria crotonensis*
SDC 2-3	18.3	24	13	23	18	142	104	312	2	45	683	*Fragilaria crotonensis*
SDC 4-1	17.0	2	8	11	23	291	116	333	2	60	848	Flagellates
SDC 4-3	19.2	36	18	58	45	271	111	490	2	26	1057	*Fragilaria crotonensis*
SDC 4-4	20.5	0	96	13	6	302	56	76	0	6	554	Flagellates
SDC 7-1	17.0	36	0	5	12	256	195	382	2	29	917	Flagellates, *Fragilaria crotonensis*
SDC 7-3	18.8	146	7	81	39	265	101	353	1	48	1040	*Fragilaria crotonensis*, Flagellates
SDC 7-5	19.8	28	53	14	20	343	214	259	5	37	974	Flagellates
					9 OCTOBER 1974							
DC-0	ND	234	0	47	0	150	309	237	1	46	1025	*Gomphosphaeria lacustris*, Flagellates
DC-1	13.0	231	0	49	4	184	296	319	0	90	1174	*Fragilaria crotonensis*, Flagellates, *Anacystis incerta*
DC-2	13.5	308	2	17	0	170	191	172	0	78	939	*Gomphosphaeria lacustris*, Flagellates, *Anacystis thermalis*

TABLE 2. continued.

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
					9 OCTOBER 1974 continued							
DC-3	14.0	468	2	0	0	188	125	96	0	17	897	*Gomphosphaeria lacustris*
DC-4	13.9	609	0	0	0	161	132	195	0	34	1132	*Gomphosphaeria lacustris*
DC-5	14.0	604	0	14	0	268	197	88	0	24	1197	*Gomphosphaeria lacustris*
DC-6	13.5	630	0	0	0	212	79	73	0	29	1023	*Gomphosphaeria lacustris*
NDC.5-0	ND	1144	0	89	7	277	419	376	0	144	2456	*Anacystis incerta*
NDC.5-1	13.2	379	0	5	0	172	138	264	0	5	963	*Gomphosphaeria lacustris*
NDC.5-2	13.3	243	0	6	0	324	125	200	0	36	934	**Flagellates,** *Anacystis incerta*
NDC 1-0	ND	750	39	94	0	163	402	199	0	75	1720	*Anacystis incerta*
NDC 1-1	13.2	899	0	67	0	514	208	306	4	46	2044	*Anacystis incerta*
NDC 1-2	14.0	447	0	24	0	195	164	243	1	19	1093	*Anacystis incerta*
NDC 2-0	ND	457	5	354	46	710	929	332	0	224	3058	**Flagellates,** *Melosira granulata, Anacystis incerta*
NDC 2-1	13.3	612	2	34	0	212	190	429	0	10	1488	*Gomphosphaeria lacustris*
NDC 2-3	14.0	705	0	234	0	549	241	409	0	48	2186	**Flagellates,** *Anacystis incerta*
NDC 4-0	ND	0	0	22	0	167	916	1102	0	15	2222	*Fragilaria crotonensis, Stephanodiscus tenuis, Stephanodiscus minutus, Asterionella formosa*
NDC 4-1	13.5	180	4	82	2	3348	421	371	0	22	4430	**Flagellates**
NDC 4-3	14.1	176	0	24	0	230	230	247	2	52	961	**Flagellates**
NDC 4-4	13.9	343	1	14	0	194	54	64	0	16	686	*Anacystis incerta*
NDC 7-1	13.5	0	1	10	0	194	386	79	1	45	716	**Flagellates**
NDC 7-3	14.0	241	0	5	0	143	208	42	0	6	645	*Anacystis incerta*
NDC 7-5	14.3	298	0	55	0	228	89	34	0	13	717	**Flagellates,** *Anacystis incerta*
SDC.5-0	ND	631	10	60	5	653	380	684	2	366	2791	**Flagellates,** *Anacystis incerta*
SDC.5-1	13.8	435	0	175	0	208	267	361	0	34	1480	*Gomphosphaeria lacustris* **Flagellates**

TABLE 2. continued.

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
					9 OCTOBER 1974 continued							
SDC.5-2	14.0	344	0	40	6	321	249	444	0	29	1434	Flagellates, *Anacystis incerta*
SDC 1-0	ND	949	23	108	23	368	495	522	0	161	2650	*Gomphosphaeria lacustris*, *Anacystis incerta*, Flagellates
SDC 1-1	13.5	2073	5	152	0	467	409	636	2	142	3386	*Anacystis incerta*
SDC 1-2	14.0	1616	0	51	0	744	347	477	0	70	3303	*Anacystis incerta*
SDC 2-0	ND	551	1	31	0	54	311	236	0	132	1317	*Anacystis incerta*
SDC 2-1	13.8	163	0	48	0	400	158	181	0	93	1041	Flagellates
SDC 2-3	14.0	272	6	173	0	332	193	255	0	43	1275	Flagellates
SDC 4-0	ND	270	0	31	5	203	377	468	1	161	1517	*Anacystis thermalis*, Flagellates
SDC 4-1	13.5	285	49	70	0	445	157	262	0	7	1276	Flagellates
SDC 4-3	13.8	514	0	30	0	288	101	142	0	26	1102	Flagellates, *Anacystis thermalis*, *Anacystis incerta*
SDC 4-4	13.5	370	6	55	0	252	92	59	0	12	847	Flagellates, *Anacystis incerta*
SDC 7-1	13.8	1341	0	29	0	482	202	349	7	46	2456	*Anacystis incerta*, *Gomphosphaeria lacustris*, Flagellates
SDC 7-3	14.0	960	0	72	0	403	177	160	0	18	1790	*Anacystis incerta*
SDC 7-5	13.6	1104	58	61	0	285	107	116	0	19	1750	*Anacystis incerta*
					17 APRIL 1975							
DC-0	ND	0	2	5	2	271	1207	752	0	7	2246	*Fragilaria crotonensis* *Stephanodiscus minutus* Flagellates
DC-1	4.3	7	7	103	0	534	1677	1139	0	11	3478	Flagellates, *Stephanodiscus tenuis*, *Stephanodiscus minutus*

TABLE 2. continued

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
					17 APRIL 1975 continued							
DC-2	3.5	111	22	37	7	1061	2329	1142	0	7	4716	**Flagellates**
DC-3	3.5	0	7	53	4	365	1583	678	0	2	2692	*Cyclotella stelligera*, **Flagellates**, *Stephanodiscus minutus*
DC-4	3.4	405	15	0	0	431	3033	1201	0	276	5361	*Cyclotella stelligera*, *Stephanodiscus tenuis*
DC-5	3.1	0	11	51	0	362	867	598	0	22	1914	*Cyclotella stelligera*, **Flagellates**
DC-6	2.9	0	9	70	0	340	661	491	0	40	1613	**Flagellates**, *Cyclotella stelligera*
NDC.5-0	ND	350	4	11	0	317	1157	497	4	14	2354	*Stephanodiscus tenuis*, **Flagellates**
NDC.5-1	5.6	0	1	57	1	281	985	468	0	13	1806	**Flagellates**, *Stephanodiscus tenuis*
NDC.5-2	5.2	43	0	9	0	78	930	596	0	0	1656	*Fragilaria crotonensis*, *Stephanodiscus tenuis*
NDC 1-0	ND	501	22	30	0	899	2926	1607	0	30	6013	*Fragilaria crotonensis*, *Stephanodiscus tenuis*, **Flagellates**
NDC 1-1	4.8	0	15	22	0	803	2034	1209	0	140	4223	**Flagellates**, *Stephanodiscus tenuis*
NDC 1-2	3.8	0	52	310	7	1710	3228	2063	0	66	7436	**Flagellates**
NDC 2-0	ND	0	0	15	1	43	397	260	0	2	718	*Stephanodiscus tenuis*, *Fragilaria intermedia*
NDC 2-1	3.8	0	18	44	0	660	2819	1665	0	8	5214	*Fragilaria crotonensis*, *Stephanodiscus tenuis*, **Flagellates**, *Stephanodiscus minutus*
NDC 2-3	3.8	33	0	15	0	483	1105	582	0	7	2225	**Flagellates**
NDC 4-0	ND	0	2	6	0	12	537	177	0	0	734	*Stephanodiscus tenuis*, *Stephanodiscus minutus*

TABLE 2. continued.

Station	Tem pera-ture	Coccoid blue-green	Filamen-tous blue-green	Coccoid green	Fila-mentous green	Flagel-lates	Centric diatoms	Pennate diatoms	Other Desmids	Total algae	algae	Dominant species
					17 APRIL 1975 continued							
NDC 4-1	4.3	0	0	22	0	276	1035	380	0	8	1721	**Flagellates** *Stephanodiscus tenuis*, *Stephanodiscus minutus*
NDC 4-3	3.0	30	4	15	4	663	1002	416	0	33	2167	**Flagellates**
NDC 4-4	2.9	0	2	15	0	120	510	418	0	0	1065	*Cyclotella stelligera*, *Synedra filiformis*, **Flagellates**
NDC 7-1	4.9	0	0	6	0	13	447	515	0	0	981	*Fragilaria crotonensis*, *Tabellaria fenestrata intermedia*, *Melosira islandica*, *Stephanodiscus tenuis*
NDC 7-3	3.4	0	37	37	0	1150	1909	980	0	133	4245	**Flagellates**
NDC 7-5	3.0	0	0	0	4	446	1109	361	0	0	1920	**Flagellates**
SDC.5-0	ND	0	0	64	1	253	1227	1207	0	0	2752	*Fragilaria crotonensis*
SDC.5-1	4.0	129	15	89	0	918	2144	1901	0	7	5203	**Flagellates**, *Fragilaria crotonensis*
SDC.5-2	3.5	0	4	85	0	350	1124	951	0	36	2550	*Fragilaria crotonensis*
SDC 1-0	ND	110	15	169	0	343	3257	1651	0	11	5556	*Stephanodiscus tenuis*
SDC 1-1	4.7	228	37	0	0	1260	2299	899	0	88	4812	**Flagellates**
SDC 1-2	3.8	0	1	66	14	123	733	577	0	0	1514	*Fragilaria crotonensis*
SDC 2-0	ND	0	4	66	0	468	1894	1043	0	22	3497	*Stephanodiscus tenuis*
SDC 2-1	3.9	0	11	30	4	788	2377	1956	0	18	5184	*Fragilaria crotonensis*
SDC 2-3	3.8	0	7	44	0	435	1544	1636	0	0	3666	*Tabellaria flocculosa*, *Stephanodiscus tenuis*, *Fragilaria crotonensis*, **Flagellates**
SDC 4-0	ND	995	11	0	0	1216	4499	2377	0	77	9175	*Stephanodiscus tenuis*, **Flagellates**, *Anacystis incerta*
SDC 4-1	6.0	0	15	22	0	376	3165	1706	0	0	5284	*Stephanodiscus tenuis*, *Stephanodiscus minutus*, *Fragilaria crotonensis*

TABLE 2. continued

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
						17 APRIL 1975 continued						
SDC 4-3	3.3	0	7	15	4	332	1382	1695	0	14	3449	*Fragilaria capucina*, *Tabellaria flocculosa* *Fragilaria crotonensis*
SDC 4-4	2.9	0	7	18	4	328	940	678	0	22	1997	*Cyclotella stelligera*, Flagellates
SDC 7-1	4.1	108	0	0	0	44	398	669	0	0	1219	*Fragilaria crotonensis*
SDC 7-3	3.8	0	7	92	0	269	719	1326	0	0	2413	*Tabellaria flocculosa*
SDC 7-5	3.1	0	2	9	4	221	671	529	0	7	1443	Flagellates, *Stephanodiscus minutus*, *Cyclotella stelligera*, *Fragilaria crotonensis*
						17 JULY 1975						
DC-0	ND	8	404	253	0	110	26	109	0	18	928	*Anabaena flos-aquae*
DC-1	23.3	15	149	219	0	130	30	60	0	8	615	*Anabaena flos-aquae*, *Gloeocystis* sp.
DC-2	22.5	3	30	198	0	71	12	178	0	1	493	*Fragilaria crotonensis*
DC-3	23.0	9	50	235	0	125	14	62	0	11	506	Green coccoid unknown, Flagellates, *Gloeosystis* sp.
DC-4	23.0	18	91	202	0	178	39	35	0	14	577	*Gloeocystis* sp. Flagellates
DC-5	23.4	5	112	241	0	101	25	38	0	5	528	*Gloeocystis* sp. *Anabaena flos-aquae*
DC-6	22.4	21	60	242	0	227	131	5	0	16	704	Flagellates
NDC.5-0	ND	2	341	229	3	63	38	196	0	8	880	*Anabaena flos-aquae*
NDC.5-1	23.0	1	79	162	0	135	15	18	0	0	415	*Gloeocystis* sp. Flagellates, *Anabaena flos-aquae*
NDC.5-2	23.5	17	53	424	0	177	28	70	0	3	772	*Gloeocystis* Sp.
NDC 1-0	ND	54	28	301	0	101	52	119	0	36	691	*Gloeocystis* sp.
NDC 1-1	22.3	0	32	185	0	217	45	52	0	8	540	Flagellates
NDC 1-2	23.4	11	30	151	0	146	36	27	0	2	403	Flagellates, *Gloeocystis* sp. Green coccoid unknown

TABLE 2. continued.

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
						17 JULY 1975 continued						
NDC 2-0	ND	0	93	196	0	78	57	79	0	16	519	*Gloeocystis* sp.
NDC 2-1	22.9	16	44	333	0	162	25	42	0	6	628	*Gloeocystis* sp.
NDC 2-3	22.3	29	225	519	0	155	15	73	0	18	1034	*Gloeocystis* sp.
NDC 4-0	ND	76	35	590	0	185	55	136	0	74	1151	*Gloeocystis* sp.
NDC 4-1	22.2	29	290	388	0	665	40	72	1	54	1539	Flagellates
NDC 4-3	20.9	34	152	465	0	506	64	15	0	9	1245	Flagellates
NDC 4-4	24.3	75	7	415	0	433	244	0	0	6	1183	Flagellates, Green coccoid unknown, *Cyclotella stelligera*
NDC 7-3	22.4	21	368	327	0	237	152	3	0	33	1144	*Gloeocystis* sp.
NDC 7-5	23.0	23	13	192	0	80	90	9	0	2	409	*Gloeocystis* sp.
SDC.5-0	ND	0	41	244	0	1312	48	22	0	8	1675	Flagellates
SDC.5-1	23.5	3	75	224	0	71	9	8	0	5	395	*Gloeocystis* sp.
SDC.5-2	23.0	0	96	322	0	762	13	33	0	4	1230	Flagellates
SDC 1-0	ND	65	365	658	0	606	69	116	1	49	1929	*Gloeocystis* sp.
SDC 1-1	23.4	16	102	400	0	871	35	24	1	10	1459	Flagellates
SDC 1-2	22.4	101	79	297	0	170	28	33	0	8	716	*Gloeocystis* sp.
SDC 2-0	ND	13	247	531	0	344	133	261	0	38	1567	*Gloeocystis* sp.
SDC 2-1	23.8	65	238	470	0	486	77	67	0	28	1431	Flagellates
SDC 2-3	22.0	0	195	204	0	360	99	118	2	2	980	Flagellates, *Anabaena flos-aquae*
SDC 4-0	ND	0	127	350	0	506	16	69	0	12	1080	Flagellates, *Gloeocystis* sp.
SDC 4-1	23.0	4	208	261	1	128	9	9	0	5	627	*Anabaena flos-aquae*
SDC 4-3	23.3	1	10	173	0	90	12	37	0	9	331	*Gloeocystis* sp. Green coccoid unknown
SDC 4-4	25.0 (?)	31	10	79	0	70	8	0	0	0	199	*Gloeocystis planctonica*
SDC 7-1	22.8	2	283	174	0	172	17	6	0	2	656	*Anabaena flos-aquae*
SDC 7-3	21.9	2	192	220	0	146	16	25	1	5	607	*Anabaena flos-aquae*
SDC 7-5	21.6	38	307	95	0	93	90	1	1	1	627	*Anabaena flos-aquae*

TABLE 2. continued.

Station	Tem pera-ture	Coccoid blue-green	Filamen-tous blue-green	Coccoid green	Fila-mentous green	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total algae	Dominant species
						17 OCTOBER 1975						
DC-0	ND	461	60	48	6	643	116	670	0	39	2043	*Anacystis incerta*
DC-1	17.2	237	29	40	0	328	150	488	1	13	1286	*Fragilaria crotonensis*, *Gomphosphaeria lacustris*, *Synedra filiformis*
DC-2	15.5	580	54	87	0	731	148	338	1	41	1980	*Anacystis incerta*, *Ochromonas* sp. *Gomphosphaeria lacustris*
DC-3	14.8	1205	190	45	4	877	154	283	0	49	2807	*Gomphosphaeria lacustris*, *Anacystis incerta*
DC-4	14.6	1594	148	67	3	746	152	365	1	19	3095	*Anacystis incerta*
DC-5	13.8	487	31	79	0	622	44	171	0	9	1446	Flagellates, *Anacystis incerta*
NDC.5-0	ND	815	176	58	3	325	80	771	0	27	2255	*Anacystis incerta*, *Fragilaria crotonensis*
NDC.5-1	16.5	551	37	28	0	465	164	956	1	16	2218	*Fragilaria crotonensis*, *Gomphosphaeria lacustris*
NDC.5-2	16.5	1969	41	100	2	659	192	677	1	27	3668	*Gomphosphaeria lacustris*
NDC 1-0	ND	397	8	45	0	530	110	750	0	54	1894	*Fragilaria crotonensis*, *Gomphosphaeria lacustris*
NDC 1-1	14.6	37	56	82	0	395	193	642	0	52	1457	Nothing dominant
NDC 1-2	14.7	453	8	25	0	335	64	134	0	17	1036	*Anacystis incerta*
NDC 2-0	ND	1684	36	70	0	339	133	1160	0	39	3464	*Gomphosphaeria lacustris*, *Anacystis incerta*
NDC 2-1	14.0	1247	2	13	2	423	190	495	2	20	2394	*Gomphosphaeria lacustris*
NDC 2-3	14.3	1233	204	80	5	803	167	426	0	39	2957	*Anacystis incerta*
NDC 4-0	ND	534	32	48	7	570	128	619	0	32	1970	Flagellates, *Gomphosphaeria lacustris*, *Fragilaria crotoensis*
NDC 4-1	14.4	1046	28	129	4	549	235	695	0	62	2748	*Gomphosphaeria lacustris*, *Anacystis incerta*
NDC 4-3	14.3	474	0	38	0	163	71	103	0	3	853	*Anacystis incerta*
NDC 7-1	14.0	222	26	225	2	224	374	206	1	163	1443	*Gloeocystis* sp.

TABLE 2. continued.

Station	Temperature	Coccoid blue-green	Filamentous blue-green	Coccoid green	Filamentous green	Flagellates	Centric diatoms	Pennate diatoms	Desmids	Other lagae	Total algae	Dominant species
					17 OCTOBER 1975 continued							
NDC 7-3	14.1	1568	96	80	4	1254	221	539	1	88	3851	*Anacystis incerta*
NDC 7-5	13.9	915	88	63	0	856	71	173	0	25	2191	*Anacystis incerta*
SDC.5-0	ND	708	85	107	0	505	99	684	0	29	2217	*Gomphosphaeria lacustris*, *Fragilaria crotonensis*, *Anacystis incerta*
SDC.5-1	14.9	930	19	56	0	301	131	210	2	10	1659	*Anacystis incerta*, *Gomphosphaeria lacustris*
SDC.5-2	15.0	1790	340	79	0	558	150	358	0	40	3315	*Anacystis incerta*
SDC 1-0	ND	144	0	73	1	496	146	917	1	14	1792	*Fragilaria crotonensis*
SDC 1-1	14.9	728	33	89	0	467	118	231	1	25	1692	*Anacystis incerta*
SDC 1-2	14.9	576	77	45	0	546	102	225	0	21	1592	*Anacystis incerta*
SDC 2-0	ND	252	60	167	0	500	173	1108	0	34	2294	*Fragilaria crotonensis*
SDC 2-1	14.7	329	46	147	48	664	156	475	1	27	1893	Flagellates
SDC 2-3	14.4	450	47	118	0	533	99	198	0	27	1472	Flagellates, *Anacystis incerta*
SDC 4-0	ND	589	5	137	4	519	285	1231	0	50	2820	*Fragilaria crotonensis*
SDC 4-1	14.5	438	13	73	0	301	95	234	0	6	1160	*Anacystis incerta* *Gomphosphaeria lacustris*
SDC 4-3	14.3	949	25	109	0	698	125	207	0	37	2150	*Gomphosphaeria lacustris*
SDC 7-1	14.4	944	34	195	0	483	206	437	0	72	2371	*Anacystis incerta*
SDC 7-3	14.6	383	278	54	1	704	139	363	4	74	2000	Flagellates, *Anacystis incerta*, *Anabaena flos-aquae*
SDC 7-5	14.0	768	31	105	0	542	61	155	0	20	1682	*Gomphosphaeria lacustris*

Table 3. The dominant and codominant phytoplankters in the Cook Plant seasonal surveys of preoperational 1971 through 1974 and operational 1975.

Survey	Species or group	Dominant or codominant occurrences
15 APRIL 1971	*Ochromonas* sp. (flagellate)	24
	Melosira sp. (diatom)	15
	Chlamydomonas sp. (flagellate)	15
	Tabellaria fenestrata (diatom)	14
	Stephanodiscus sp. (diatom)	13
	Fragilaria crotonensis (diatom)	9
	Cyclotella sp. (diatom)	6
	Fragilaria sp. (diatom)	1
9 JULY 1971	*Gloeocystis* sp. (green alga)	47
	Oocystis sp. (green alga)	18
	Glenodinium sp. (flagellate)	12
	Dinobryon divergens (flagellate)	10
	Tabellaria fenestrata (diatom)	8
	Cyclotella sp. (diatom)	4
	Fragilaria crotonensis (diatom)	3
	Scenedesmus sp. ("other" alga)	1
	Crucigenia sp. ("other" alga)	1
	Fragilaria sp. (diatom)	1
	Westella linearis (green alga)	1
8 NOV 1971	*Ochromonas* sp. (flagellate)	20
	Tabellaria fenestrata (diatom)	17
	Fragilaria crotonensis (diatom)	7
	Gloeocystis sp. (green alga)	6
	Chlamydomonas sp. (flagellate)	4
	Cryptomonas sp. (flagellate)	3
	Aphanothece sp. (coccoid blue-green)	2
	Oocystis sp. (green alga)	1
	Fragilaria sp. (diatom)	1
12 APRIL 1972	*Tabellaria fenestrata* (diatom)	13
	Chlamydomonas sp. (flagellate)	8
	Cyclotella sp. (diatom)	7
	Stephanodiscus sp. (diatom)	6
	Gloeocystis sp. (green alga)	4

Table 3. continued

Survey	Species or group	Dominant or codominant occurrences
16 JULY 1972	*Tabellaria fenestrata* (diatom)	14
	Gloeocystis sp. (green alga)	5
	Chlamydomonas sp. (flagellate)	5
	Fragilaria intermedia (diatom)	4
	Fragilaria capucina (diatom)	4
	Fragilaria crotonensis (diatom)	3
	Dinobryon sp. (flagellate)	3
	Flagellates	2
	Anabaena sp. (blue-green alga)	2
	Glenodinium sp. (flagellate)	1
	Oocystis sp. (green alga)	1
15 OCT 1972	*Melosira granulata* (diatom)	26
	Chroococcus limneticus (blue-green alga)	4
	Flagellates	3
	Chroococcus sp. (blue-green alga)	2
25 APRIL 1973	*Stephanodiscus minutus* (diatom)	21
	Flagellates	12
	Cyclotella sp. (diatom)	5
	Stephanodiscus sp. (diatom)	
	Fragilaria crotonensis (diatom)	1
	Gloeocystis sp. (green alga)	1
	Chlamydomonas sp. (flagellate)	1
	Melosira granulata (diatom)	1
	Tabellaria fenestrata v. *intermedia* (diatom)	1
19 JULY 1973	*Stephanodiscus tenuis* (diatom)	19
	Cyclotella stelligera (diatom)	10
	Melosira granulata v. *angustissima* (diatom)	4
	Chlamydomonas sp. (flagellate)	4
	Cyclotella sp. (diatom)	2
	Cyclotella atomus (diatom)	1
	Anacystis incerta (blue-green alga)	1
	Flagellates	1
	Gloeocystis sp. (green alga)	1
	Coccomyxa coccoides (green alga)	1

Table 3. continued

Survey	Species or group	Dominant or codominant occurrences
23 OCT 1973	*Melosira granulata* v. *angustissima* (diatom)	20
	Flagellates	9
	Chlamydomonas sp. (flagellate)	3
	Fragilaria crotonensis (diatom)	2
	Melosira granulata (diatom)	1
20 APRIL 1974	*Fragilaria crotonensis* (diatom)	20
	Flagellates	18
	Stephanodiscus tenuis (diatom)	11
	Synedra filiformis (diatom)	3
	Fragilaria intermedia v. *fallax* (diatom)	1
	Melosira granulata (diatom)	1
	Melosira italica (diatom)	1
	Stephanodiscus minutus (diatom)	1
11 JULY 1974	*Fragilaria crotonensis* (diatom)	27
	Flagellates	21
	Anacystis incerta (blue-green)	2
	Anabaena flos-aquae (blue-green)	1
	Cyclotella stelligera (diatom)	1
	Tabellaria fenestrata v. *intermedia* (diatom)	1
	Thalassiosira pseudonana (diatom)	1
	Stephanodiscus tenuis (diatom)	1
9 OCT 1974	*Anacystis incerta* (blue-green)	22
	Flagellates	21
	Gomphosphaeria lacustris (blue-green)	11
	Anacystis thermalis (blue-green)	3
	Fragilaria crotonensis (diatom)	2
	Asterionella formosa (diatom)	1
	Melosira granulata (diatom)	1
	Stephanodiscus minutus (diatom)	1
	Stephanodiscus tenuis (diatom)	1

Table 3. continued

Survey	Species or group	Dominant or codominant occurrences
17 APRIL 1975	Flagellates	24
	Stephanodiscus tenuis (diatom)	17
	Fragilaria crotonensis (diatom)	15
	Stephanodiscus minutus (diatom)	8
	Cyclotella stelligera (diatom)	7
	Tabellaria flocculosa (diatom)	3
	Tabellaria fenestrata v. *intermedia* (diatom)	1
	Melosira islandica (diatom)	1
	Anacystis incerta (blue-green)	1
	Fragilaria capucina (diatom)	1
	Fragilaria intermedia (diatom)	1
	Synedra filiformis (diatom)	1
17 JULY 1975	*Gloeocystis* sp. (green alga)	20
	Flagellates	15
	Anabaena flos-aquae (blue-green)	10
	Green coccoid unknown	4
	Fragilaria crotonensis (diatom)	1
	Cyclotella stelligera (diatom)	1
	Gloeocystis planctonica (green alga)	1
17 OCT 1975	*Anacystis incerta* (blue-green)	22
	Gomphosphaeria lacustris (blue-green)	15
	Fragilaria crotonensis (diatom)	9
	Flagellates	5
	Anabaena flos-aquae (blue-green)	1
	Gloeocystis sp. (green alga)	1
	Ochromonas sp. (flagellate)	1
	Synedra filiformis (diatom)	1

Table 4. Abundances (cells/ml) of centric and pennate diatoms in samples taken at six selected inshore stations in June through August of 1974 and 1975. Comparisons of corresponding months of 1974 and 1975 were made of the four "plant" stations NDC-.5-1, SDC-.5-1, DC-0, and DC-1 with the north and south "reference" stations NDS-7-1 and SDC-7-1. The mean count of total cells/ml at the plant stations in 1974 is compared to its value in 1975, for each survey month, using a two-sample t-test. Similar comparisons are made of mean total counts at the reference stations. Symbols used: n.s. = no significant difference between the two years; * = significance at the .05 level; ** = significance at the .01 level; N = the number of stations in each group for which data were available in that month. No test was made if one of the groups contained only a single observation or if one of the group variances was zero.

		Plant stations			Reference stations		
		1974	1975	t	1974	1975	t
JUNE							
Centric diatoms	Mean	332.35	261.90	0.70 n.s.	233.50	513.15	1.66 n.s.
	Std. error	52.69	86.04		80.70	147.65	
	N	4	4		2	2	
Pennate diatoms	Mean	618.25	381.70	1.11 n.s.	268.15	543.05	1.82 n.s.
	Std. error	172.90	124.20		94.45	117.75	
	N	4	4		2	2	
JULY							
Centric diatoms	Mean	358.50	19.975	6.13**	217.50	16.700	--
	Std. error	54.98	4.855		22.50	--	
	N	4	4		2	1	
Pennate diatoms	Mean	743.25	49.050	15.43**	351.50	5.7000	--
	Std. error	38.62	23.103		30.50	--	
	N	4	4		2	1	
AUGUST							
Centric diatoms	Mean	55.700	15.900	5.03**	38.750	7.2500	0.98 n.s.
	Std. error	6.835	3.979		32.250	1.3500	
	N	4	4		2	2	
Pennate diatoms	Mean	114.12	45.925	1.45 n.s.	20.650	11.450	0.54 n.s.
	Std. error	41.65	22.135		17.050	2.050	
	N	4	4		2	2	

TABLE 5. Master lists of phytoplankton collected during the Cook Plant seasonal surveys of 1974 and 1975.

20 APRIL 1974

ACHNANTHES CLEVEI V. ROSTRATA
ACHNANTHES LANCEOLATA V. DUBIA
ACHNANTHES LINEARIS
ACHNANTHES MINUTISSIMA
ACHNANTHES SP.
ACHNANTHES SP. #6
AMPHIPLEURA PELLUCIDA
AMPHORA NEGLECTA
AMPHORA OVALIS
AMPHORA OVALIS V. CONSTRICTA
AMPHORA OVALIS V. GRACILIS
AMPHORA OVALIS V. LIBYCA
AMPHORA OVALIS V. PEDICULUS
AMPHORA SP.
ANABAENA FLOS-AQUAE
ANABAENA SP.
ANACYSTIS INCERTA
ANACYSTIS SP.
ANACYSTIS THERMALIS
ANKISTRODESMUS BRAUNII
ANKISTRODESMUS FALCATUS
ANKISTRODESMUS FALCATUS V. MIRABILIS
ANKISTRODESMUS FALCATUS V. STIPITATUS
ANKISTRODESMUS GELIFACTUM
ANKISTRODESMUS SP.
ANKISTRODESMUS SP. #1
ANKISTRODESMUS SP. #3
ASTERIONELLA FORMOSA
BLUE-GREEN UNKNOWN FILAMENT
CHROOCOCCUS SP.
CLOSTERIUM ACICULARE
COCCONEIS PLACENTULA V. EUGLYPTA
COELASTRUM SP.
COELOSPHAERIUM SP.
COSMARIUM SP.
COSMARIUM SP. #1
CRUCIGENIA QUADRATA
CRYPTOMONAS SP.
CYCLOTELLA AUXOSPORE
CYCLOTELLA COMTA V. BOLANICA
CYCLOTELLA CRYPTICA
CYCLOTELLA KUETZINGIANA
CYCLOTELLA MENEGHINIANA
CYCLOTELLA MENEGHINIANA V. PLANA
CYCLOTELLA MICHIGANIANA
CYCLOTELLA OCELLATA
CYCLOTELLA SP.
CYCLOTELLA STELLIGERA
CYMATOPLEURA SOLEA
CYMATOPLEURA SOLEA V. APICULATA
CYMBELLA SP.
DACTYLOCOCCOPSIS SP.
DIATOMA TENUE V. ELONGATUM
DIATOMA VULGARE
DINOBRYON BAVARICUM
DINOBRYON DIVERGENS
DINOBRYON SOCIALE
DINOFLAGELLATES
DIPLONEIS BOLDTIANA
DIPLONEIS PARMA
DIPLONEIS SP.
EUNOTIA CURVATA
FLAGELLATES
FRAGILARIA BREVISTRIATA
FRAGILARIA BREVISTRIATA V. INFLATA
FRAGILARIA CAPUCINA
FRAGILARIA CONSTRUENS
FRAGILARIA CONSTRUENS V. VENTER
FRAGILARIA CROTONENSIS
FRAGILARIA CROTONENSIS V. OREGONA
FRAGILARIA INTERMEDIA
FRAGILARIA INTERMEDIA V. FALLAX
FRAGILARIA LEPTOSTAURON
FRAGILARIA PINNATA
FRAGILARIA PINNATA V. LANCETTULA
FRAGILARIA SP.
FRAGILARIA VAUCHERIAE
GLENODINIUM SP.
GLOEOCYSTIS PLANCTONICA
GLOEOCYSTIS SP.
GOMPHONEMA OLIVACEUM
GOMPHONEMA SP.
GOMPHOSPHAERIA LACUSTRIS
GREEN COCCOID, UNKNOWN
GREEN FILAMENT, UNKNOWN
MELOSIRA GRANULATA
MELOSIRA GRANULATA V. ANGUSTISSIMA
MELOSIRA ISLANDICA
MELOSIRA ITALICA
MELOSIRA SP.
MERIDION CIRCULARE
MICROTHORIA SP.
NAVICULA CAPITATA
NAVICULA SP. (AFF. N. CAPITATA)
NAVICULA CAPITATA V. LUNEBURGENSIS
NAVICULA COSTULATA
NAVICULA CRYPTOCEPHALA
NAVICULA CRYPTOCEPHALA V. VENETA
NAVICULA DECUSSIS
NAVICULA GOTTLANDICA
NAVICULA GREGARIA
NAVICULA LATENS
NAVICULA MENISCULUS
NAVICULA MENISCULUS V. UPSALIENSIS
NAVICULA MICROPUPULA
NAVICULA PUPULA

20 APRIL 1974 cont.

NAVICULA PUPULA V. ROSTRATA
NAVICULA RADIOSA V. TENELLA
NAVICULA RHYNCHOCEPHALA
NAVICULA SCHMASSMANNII
NAVICULA SP.
NAVICULA SUBRHYNCHOCEPHALA
NAVICULA TRIPUNCTATA
NAVICULA TRIPUNCTATA V. CUNEATA
NAVICULA TRIPUNCTATA V. SCHIZONEMOIDES
NAVICULA VIRIDULA
NAVICULA VIRIDULA V. #2
NITZSCHIA ACICULARIS
NITZSCHIA ACICULAROIDES
NITZSCHIA ACUTA
NITZSCHIA AMPHIBIA
NITZSCHIA ANGUSTATA V. ACUTA
NITZSCHIA BACATA
NITZSCHIA CAPITELLATA
NITZSCHIA CONFINIS
NITZSCHIA SP. (AFF. N. CONFINIS)
NITZSCHIA DISSIPATA
NITZSCHIA ELEGANS
NITZSCHIA FLEXA
NITZSCHIA FONTICOLA
NITZSCHIA FRUSTULUM
NITZSCHIA FRUSTULUM V. PERMINUTA
NITZSCHIA HOLSATICA
NITZSCHIA KUETZINGIANA
NITZSCHIA PALEA
NITZSCHIA PALEACEA
NITZSCHIA RECTA
NITZSCHIA SP.
NITZSCHIA SP. #1
NITZSCHIA SP. #2
NITZSCHIA SP. #5
NITZSCHIA SP. #8
NITZSCHIA SP. #9
NITZSCHIA SP. #10
NITZSCHIA SP. #12
NITZSCHIA SP. #18
NITZSCHIA SPICULOIDES
OEDOGONIUM SP.
OOCYSTIS SP.
OSCILLATORIA LIMNETICA
OSCILLATORIA PETZII
OSCILLATORIA SP.
PERIDINIUM SP.
PINNULARIA SP.
RHIZOSOLENIA FRIESII
RHIZOSOLENIA GRACILIS
RHICOSPHENIA CURVATA
SCENEDESMUS ACUMINATUS
SCENEDESMUS BICELLULARIS
SCENEDESMUS DIMORPHUS
SCENEDESMUS QUADRICAUDA
SCENEDESMUS QUADRICAUDA V. LONGISPINA
SCENEDESMUS SP.
SCENEDESMUS TETRADESMIFORMIS
SPHAEROCYSTIS SP.
STEPHANODISCUS ALPINUS
STEPHANODISCUS ASTRAEA
STEPHANODISCUS AUXOSPORE
STEPHANODISCUS BINDERANUS
STEPHANODISCUS HANTZSCHII
STEPHANODISCUS MINUTUS
STEPHANODISCUS NIAGARAE
STEPHANODISCUS SP.
STEPHANODISCUS SP. #5
STEPHANODISCUS SUBTILIS
STEPHANODISCUS TENUIS
STEPHANODISCUS TRANSILVANICUS
SURIRELLA ANGUSTA
SURIRELLA OVATA
SYNEDRA ACUS
SYNEDRA CYCLOPUM
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA
SYNEDRA DIMERAPAE
SYNEDRA FILIFORMIS
SYNEDRA MINUSCULA
SYNEDRA OSTENFELDII
SYNEDRA PARASITICA
SYNEDRA PARASITICA V. SUBCONSTRICTA
SYNEDRA RUMPENS
SYNEDRA SP.
SYNEDRA TENERA
SYNEDRA ULNA
SYNEDRA ULNA V. CHAETANA
TABELLARIA FENESTRATA
TABELLARIA FENESTRATA V. INTERMEDIA
TABELLARIA FLOCCULOSA
THALASSIOSIRA PSEUDONANA
ULOTHRIX SP.

TABLE 5 continued.

11 JULY 1974

ACHNANTHES LANCEOLATA V. DUBIA
ACHNANTHES LANCEOLATA V. ELLIPTICA
ACHNANTHES SP.
ACTINASTRUM HANTZSCHII V. FLUVIATILE
AGMENELLUM QUADRUPLICATUM
AMPHIPLEURA PELLUCIDA
AMPHIPRORA ORNATA
AMPHORA OVALIS V. PEDICULUS
AMPHORA SP.
ANABAENA FLOS-AQUAE
ANABAENA SP.
ANACYSTIS INCERTA
ANACYSTIS THERMALIS
ANKISTRODESMUS FALCATUS
ANKISTRODESMUS GELIFACTUM
ANKISTRODESMUS SP.
ANKISTRODESMUS SP. #1
ANKISTRODESMUS SP. #3
ANKISTRODESMUS SP. #5
ASTERIONELLA FORMOSA
BOTRYOCOCCUS BRAUNII
CALONEIS SP.
CALONEIS VENTRICOSA V. MINUTA
CERATIUM HIRUNDINELLA
CHROOCOCCUS SP.
CHRYSOCOCCUS RUFESCENS
CLADOPHORA SP.
CLOSTERIOPSIS SP.
CLOSTERIUM SP.
COCCOMYXA COCCOIDES
COELASTRUM SP.
COELOSPHAERIUM SP.
COSMARIUM SP.
COSMARIUM SP. #1
CRUCIGENIA QUADRATA
CRUCIGENIA RECTANGULARIS
CRUCIGENIA SP.
CRYPTOMONAS SP.
CYCLOTELLA AUXOSPORE
CYCLOTELLA COMTA
CYCLOTELLA COMTA V. BOLANICA
CYCLOTELLA CRYPTICA
CYCLOTELLA KUETZINGIANA
CYCLOTELLA MENEGHINIANA
CYCLOTELLA MENEGHINIANA V. PLANA
CYCLOTELLA MICHIGANIANA
CYCLOTELLA OCELLATA
CYCLOTELLA PSEUDOSTELLIGERA
CYCLOTELLA SP.
CYCLOTELLA STELLIGERA
CYMATOPLEURA SOLEA
CYMBELLA AMPHICEPHALA
DACTYLOCOCCOPSIS FASCICULARIS
DACTYLOCOCCOPSIS SP.
DESMIDIUM SCHWARTZII
DIATOMA TENUE
DIATOMA TENUE V. ELONGATUM
DICTYOSPHAERIUM SP.
DINOBRYON DIVERGENS
DINOBRYON SOCIALE
DINOFLAGELLATES
EUASTROPSIS RICHTERI
EUDORINA ELEGANS
EUDORINA SP.
FLAGELLATES
FRAGILARIA BREVISTRIATA
FRAGILARIA BREVISTRIATA V. CAPITATA
FRAGILARIA CAPUCINA
FRAGILARIA CONSTRUENS
FRAGILARIA CONSTRUENS V. MINUTA
FRAGILARIA CONSTRUENS V. PUMILA
FRAGILARIA CONSTRUENS V. VENTER
FRAGILARIA CROTONENSIS
FRAGILARIA INTERMEDIA
FRAGILARIA PINNATA
FRAGILARIA PINNATA V. LANCETTULA
FRAGILARIA SP.
FRAGILARIA VAUCHERIAE
GLENODINIUM SP.
GLOEOCYSTIS PLANCTONICA
GLOEOCYSTIS SP.
GOMPHONEMA CLIVACEUM
GOMPHONEMA OLIVACEUM V. CALCAREA
GOMPHONEMA PARVULUM V. MICROPUS
GOMPHONEMA SP.
GOMPHOSPHAERIA LACUSTRIS
GOMPHOSPHAERIA WICHURE
GREEN COCCOID, UNKNOWN
GREEN COLONY, UNKNOWN
GREEN FILAMENT, UNKNOWN
GYMNODINIUM SP.
KIRCHNERIELLA SP.
MASSONIELLA ELEGANS
MALLOMONAS PSEUDOCORONATA
MELOSIRA DISTANS
MELOSIRA DISTANS V. ALPIGENA
MELOSIRA GRANULATA
MELOSIRA ISLANDICA
MELOSIRA ISLANDICA AUXOSPORES
MELOSIRA ITALICA
MELOSIRA SP.
MERIDION CIRCULARE
MOUGEOTIA SP.
NAVICULA CAPITATA
NAVICULA CLEMENTIS V. QUADRISTIGMATA
NAVICULA COSTULATA
NAVICULA CRYPTOCEPHALA V. INTERMEDIA
NAVICULA CRYPTOCEPHALA V. VENETA

TABLE 5 continued.

11 JULY 1974 cont.

NAVICULA CUSPIDATA
NAVICULA DECUSSIS
NAVICULA LACUSTRIS
NAVICULA LATENS
NAVICULA MENISCULUS V. OBTUSA
NAVICULA PUPULA
NAVICULA SP.
NAVICULA SP. #13
NAVICULA SP. #78
NAVICULA TRIPUNCTATA
NEPHROCYTIUM AGARDHIANUM
NITZSCHIA ACICULARIS
NITZSCHIA ACUTA
NITZSCHIA ANGUSTATA V. ACUTA
NITZSCHIA BACATA
NITZSCHIA CONFINIS
NITZSCHIA SP. (AFF. N. CONFINIS)
NITZSCHIA DISSIPATA
NITZSCHIA ELEGANS
NITZSCHIA FONTICOLA
NITZSCHIA FONTICOLA V PELAGICA
NITZSCHIA KUETZINGIANA
NITZSCHIA PALEA
NITZSCHIA PALEACEA
NITZSCHIA RECTA
NITZSCHIA SIGMA
NITZSCHIA SP.
NITZSCHIA SP. #1
NITZSCHIA SP. #2
NITZSCHIA SP. #9
NITZSCHIA SP. #10
NITZSCHIA SPICULOIDES
OEDOGONIUM SP.
OOCYSTIS SP.
OSCILLATORIA LIMNETICA
OSCILLATORIA RETZII
OSCILLATORIA SP.
PANDORINA MORUM
PANDORINA SP.
PEDIASTRUM DUPLEX
PEDIASTRUM DUPLEX V. CLATHRATUM
PEDIASTRUM DUPLEX V. GRACILLIMUM
PEDIASTRUM DUPLEX V RETICULATUM
PEDIASTRUM OBTUSUM
PEDIASTRUM SCULPTATUM
PEDIASTRUM SP.
PERIDINIUM SP.
QUADRIGULA SP.
RHIZOSOLENIA ERIENSIS
RHIZOSOLENIA GRACILIS
SCENEDESMUS ABUNDANS V. BREVICAUDA
SCENEDESMUS BICELLULARIS
SCENEDESMUS BIJUGA
SCENEDESMUS DIMORPHUS
SCENEDESMUS FALCATUS
SCENEDESMUS QUADRICAUDA
SCENEDESMUS QUADRICAUDA V. LONGISPINA
SCENEDESMUS QUADRICAUDA V. QUADRISPINA
SCENEDESMUS SP.
SCENEDESMUS WISCONSINENSIS
SCHROEDERIA JUDAYI
SPHAEROCYSTIS SCHROETERI
STEPHANODISCUS ALPINUS
STEPHANODISCUS AUXOSPORE
STEPHANODISCUS BINDERANUS
STEPHANODISCUS HANTZSCHII
STEPHANODISCUS MINUTUS
STEPHANODISCUS NIAGARAE
STEPHANODISCUS SP.
STEPHANODISCUS SUBTILIS
STEPHANODISCUS TENUIS
STEPHANODISCUS TRANSILVANICUS
SURIRELLA ANGUSTA
SURIRELLA DIDYMA
SURIRELLA LINEARIS V. CONSTRICTA
SURIRELLA OVATA
SYNEDRA ACUS
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA
SYNEDRA DEMERARAE
SYNEDRA FILIFORMIS
SYNEDRA MINUSCULA
SYNEDRA MONTANA
SYNEDRA OSTENFELDII
SYNEDRA PARASITICA
SYNEDRA SP.
SYNEDRA TENERA
SYNEDRA ULNA
SYNEDRA ULNA V. CHAMIANA
TABELLARIA FENESTRATA
TABELLARIA FENESTRATA V. INTERMEDIA
TABELLARIA FLOCCULOSA
TETRAEDRON CAUDATUM
TETRAEDRON CAUDATUM V. LONGISPINA
TETRAEDRON MINIMUM
TETRAEDRON PENTAEDRICUM
TETRAEDRON REGULARE V. ECRUS
TETRAEDRON REGULARE V. TORSUM
TETRAEDRON TRIGONUM V. GRIFFITHII
TETRAEDRON SP.
THALASSIOSIRA PSEUDONANA
ULOTHRIX SP.

TABLE 5 continued.

9 OCTOBER 1974

ACHNANTHES CLEVEI V. RCSTRATA
ACHNANTHES HUNGARICA
ACHNANTHES LANCECLATA
ACHNANTHES LANCECLATA V. DUBIA
ACHNANTHES LANCECLATA V. ELLIPTICA
ACHNANTHES MINUTISSIMA
ACHNANTHES SP.
ACHNANTHES SP. #1
ACHNANTHES SP. #3
AMPHIPLEURA PELLUCIDA
AMPHIPRORA ORNATA
AMPHORA NEGLECTA
AMPHORA OVALIS
AMPHORA OVALIS V. CONSTRICTA
AMPHORA OVALIS V. GRACILIS
AMPHORA OVALIS V. LIBYCA
AMPHORA OVALIS V. PEDICULUS
AMPHORA SIBIRICA
AMPHORA SP.
AMPHORA RCTUNDA
ANABAENA FLOS-AQUAE
ANABAENA SP.
ANACYSTIS INCERTA
ANACYSTIS SP.
ANACYSTIS THERMALIS
ANKISTRODESMUS FALCATUS
ANKISTRODESMUS FRACTUS
ANKISTRODESMUS GELIFACTUM
ANKISTRODESMUS SP.
ANKISTRODESMUS SP. #3
ANKISTRODESMUS SP. #5
ASTERIONELLA FORMOSA
AUXOSPORE SP.
BOTRYOCOCCUS BRAUNII
CALONEIS AMPHISBAENA
CALONEIS SP.
CERATIUM HIRUNDINELLA
CHROOCCCCUS DISPERSUS
CLOSTERIOPSIS SP.
COCCONEIS DIMINUTA
COCCONEIS SP.
COELASTRUM MICROPORUM
COELASTRUM SP.
CCELOSPHAERIUM SP.
COSMARIUM SP. #1
CRUCIGENIA QUADRATA
CRUCIGENIA SP.
CRYPTOMONAS SP.
CYCLOTELLA ATOMUS
CYCLOTELLA AUXOSPORE
CYCLOTELLA COMTA
CYCLOTELLA COMTA V. BODANICA
CYCLOTELLA CRYPTICA
CYCLOTELLA KUETZINGIANA
CYCLOTELLA KUETZINGIANA V PLANETOPHORA
CYCLOTELLA KUETZINGIANA V RADIOSA
CYCLOTELLA MENEGHINIANA
CYCLOTELLA MENEGHINIANA V. PLANA
CYCLOTELLA MICHIGANIANA
CYCLOTELLA OCELLATA
CYCLOTELLA OPERCULATA
CYCLOTELLA SP.
CYCLOTELLA STELLIGERA
CYCLOTELLA TEMPEREI
CYMATOPLEURA SOLEA V. APICULATA
CYMBELLA AFFINIS
CYMBELLA SUBVENTRICOSA
DIATOMA TENUE
DIATOMA TENUE V. ELONGATUM
DIATOMA VULGARE
DICTYOSPHAERIUM SP.
DINOBRYON CYSTS
DINOBRYON DIVERGENS
DINOFLAGELLATES
DIPLONEIS BOLDTIANA
DIPLONEIS SP.
FLAGELLATES
FRAGILARIA BREVISTRIATA
FRAGILARIA CAPUCINA
FRAGILARIA CONSTRUENS
FRAGILARIA CONSTRUENS V. MINUTA
FRAGILARIA CONSTRUENS V. PUMILA
FRAGILARIA CONSTRUENS V. VENTER
FRAGILARIA CROTONENSIS
FRAGILARIA CROTONENSIS V. OREGONA
FRAGILARIA INTERMEDIA
FRAGILARIA INTERMEDIA V. FALLAX
FRAGILARIA PINNATA
FRAGILARIA PINNATA V. LANCETTULA
FRAGILARIA SP.
GLOEOCYSTIS PLANCTONICA
GLOEOCYSTIS SP.
GOMPHONEMA ANGUSTATUM
GOMPHONEMA INTRICATUM V PUMILA
GOMPHONEMA OLIVACEUM
GOMPHONEMA SP.
GOMPHOSPHAERIA LACUSTRIS
GOMPHOSPHAERIA OLIVACEOIDES
GOMPHOSPHAERIA SP.
GREEN COCCOID, UNKNOWN
GREEN COLONY, UNKNOWN
GREEN FILAMENT, UNKNOWN
HALLOMONAS PSEUDOCORONATA
MELOSIRA DISTANS
MELOSIRA DISTANS V. ALPIGENA
MELOSIRA GRANULATA
MELOSIRA GRANULATA V. ANGUSTISSIMA
MELOSIRA ISLANDICA
MELOSIRA ITALICA
MELOSIRA SP.

TABLE 5 continued.

9 OCTOBER 1974 cont.

MELOSIRA VARIANS
MERIDION CIRCULARE
MOUGEOTIA SP.
NAVICULA ANGLICA
NAVICULA ANGLICA V. SUBSALSA
NAVICULA CAPITATA
NAVICULA SP. (AFF. N. CAPITATA)
NAVICULA CAPITATA V. LUNEBURGENSIS
NAVICULA COSTULATA
NAVICULA CRYPTOCEPHALA
NAVICULA CRYPTOCEPHALA V. INTERMEDIA
NAVICULA CRYPTOCEPHALA V. VENETA
NAVICULA DECUSSIS
NAVICULA EXIGUA V CAPITATA
NAVICULA GASTRUM
NAVICULA GASTRUM V. SIGNATA
NAVICULA GREGARIA
NAVICULA LANCEOLATA
NAVICULA LATENS
NAVICULA LUZONENSIS
NAVICULA MENISCULUS V. UPSALIENSIS
NAVICULA MICROPUPULA
NAVICULA MYASSENSIS
NAVICULA PLATYSTOMA V. PANTOCSEKII
NAVICULA PUPULA
NAVICULA RHYNCHOCEPHALA
NAVICULA SP.
NAVICULA SP. #78
NAVICULA STROESEI
NAVICULA TRIPUNCTATA
NAVICULA TRIPUNCTATA V. SCHIZONEMOIDES
NAVICULA VIRIDULA
NEIDIUM DUBIUM FO. CONSTRICTUM
NEIDIUM #3
NITZSCHIA ACICULARIS
NITZSCHIA ACUTA
NITZSCHIA ANGUSTATA
NITZSCHIA ANGUSTATA V. ACUTA
NITZSCHIA BACATA
NITZSCHIA CAPITELLATA
NITZSCHIA CONFINIS
NITZSCHIA SP. (AFF. N. CONFINIS)
NITZSCHIA DENTICULA
NITZSCHIA DISSIPATA
NITZSCHIA FONTICOLA
NITZSCHIA FONTICOLA V PELAGICA
NITZSCHIA FONTICOLOIDES
NITZSCHIA FRUSTULUM
NITZSCHIA FRUSTULUM V. PERMINUTA
NITZSCHIA INSPECTA
NITZSCHIA KUETZINGIANA
NITZSCHIA LONGISSIMA
NITZSCHIA PALEA
NITZSCHIA PALEACEA
NITZSCHIA PARVULA
NITZSCHIA PECTA
NITZSCHIA ROMANA
NITZSCHIA SIGMOIDEA
NITZSCHIA SP.
NITZSCHIA SP. #1
NITZSCHIA SP. #2
NITZSCHIA SP. #7
NITZSCHIA SP. #8
NITZSCHIA SP. #9
NITZSCHIA SP. #10
NITZSCHIA SPEC. #15
NITZSCHIA SP. #18
NITZSCHIA SP. #25
NITZSCHIA SPICULOIDES
NITZSCHIA TRYBLIONELLA V LEVIDENSIS
OEDOGONIUM SP.
ONSTRUPIA ZACHARIASI
OOCYSTIS SP.
OPEPHORA SP.
OSCILLATORIA LIMNETICA
OSCILLATORIA PETZII
OSCILLATORIA SP.
PEDIASTRUM BORYANUM
PEDIASTRUM DUPLEX
PEDIASTRUM DUPLEX V. CLATHRATUM
PEDIASTRUM ITERAS
QUADRIGULA SP.
RHIZOSOLENIA ERIENSIS
RHIZOSOLENIA GRACILIS
RHOICOSPHENIA CURVATA
SCENEDESMUS ACUMINATUS
SCENEDESMUS ACUMINATUS V. BERNARDII
SCENEDESMUS ACUTIFORMIS
SCENEDESMUS ACUTUS
SCENEDESMUS BICELLULARIS
SCENEDESMUS BIJUGA
SCENEDESMUS DENTICULATUS
SCENEDESMUS DIMORPHUS
SCENEDESMUS QUADRICAUDA
SCENEDESMUS QUADRICAUDA V. LONGISPIN
SCENEDESMUS SERRATUS
SCENEDESMUS SP.
SCENEDESMUS TETRADESMIFORMIS
STAURASTRUM PARADOXICUM
STAURASTRUM SP.
STAURONEIS SP.
STEPHANODISCUS ALPINUS
STEPHANODISCUS ASTRAEA
STEPHANODISCUS AUXOSPORE
STEPHANODISCUS BINDERANUS
STEPHANODISCUS HANTZSCHII
STEPHANODISCUS MINUTUS
STEPHANODISCUS NIAGARAE
STEPHANODISCUS SP.
STEPHANODISCUS SUBSALSUS

TABLE 5 continued.

9 OCTOBER 1974 cont.

STEPHANODISCUS SUBTILIS
STEPHANODISCUS SUBTILIS AUXOSPORE
STEPHANODISCUS TENUIS
STEPHANODISCUS TENUIS AUXOSPORE
STEPHANODISCUS TRANSILVANICUS
SURIRELLA ANGUSTA
SURIRELLA OVATA
SURIRELLA OVATA V. PINNATA
SURIRELLA SP. #4
SYNEDRA ACUS
SYNEDRA AMPHICEPHALA
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA
SYNEDRA DEMERARAE
SYNEDRA FILIFORMIS
SYNEDRA OSTENFELDII
SYNEDRA PARASITICA V. SUBCONSTRICTA
SYNEDRA RUMPENS V. MENEGHINIANA
SYNEDRA SP.
SYNEDRA TENERA
SYNEDRA ULNA
SYNEDRA ULNA V. CHASEANA
SYNEDRA VAUCHERIAE
TABELLARIA FENESTRATA
TABELLARIA FENESTRATA V. INTERMEDIA
TABELLARIA FENESTRATA V QUADRISEPTA
TABELLARIA FLOCCULOSA
TETRAEDRON REGULARE
TETRAEDRON SP.
THALASSIOSIRA PSEUDONANA

TABLE 5 continued.

17 APRIL 1975

ACHNANTHES EXIGUA
ACHNANTHES LANCEOLATA
ACHNANTHES LANCEOLATA V. DUBIA
ACHNANTHES LANCEOLATA V. ELLIPTICA
ACHNANTHES LANCEOLATA V. OMISSA
ACHNANTHES LAVENBURGIANA
ACHNANTHES LINEARIS
ACHNANTHES MINUTISSIMA
ACHNANTHES SP.
ACHNANTHES #17
AMPHIPLEURA PELLUCIDA
AMPHORA MONTANA
AMPHORA NORMANII
AMPHORA OVALIS
AMPHORA OVALIS V. PEDICULUS
AMPHORA SP.
ANABAENA SP.
ANACYSTIS INCERTA
ANACYSTIS THERMALIS
ANKISTRODESMUS ACICULARIS
ANKISTRODESMUS BRAUNII
ANKISTRODESMUS FALCATUS
ANKISTRODESMUS FRACTUS
ANKISTRODESMUS SETIGERUS
ANKISTRODESMUS SP.
ANKISTRODESMUS #1
ANKISTRODESMUS #3
ANKISTRODESMUS #4
ANOMOEONEIS #2
ASTERIONELLA FORMOSA
ASTERIONELLA GRACILLIMA
BLUE-GREEN UNKNOWN CELLS
BLUE-GREEN UNKNOWN COLONY
BLUE-GREEN UNKNOWN FILAMENT
CALONEIS VENTRICOSA V. MINUTA
COCCONEIS DIMINUTA
COCCONEIS PEDICULUS
COELOSPHAERIUM NAEGELIANUM
COELOSPHAERIUM SP.
COSMARIUM #1
CRUCIGENIA QUADRATA
CRYPTOMONAS SP.
CRYPTOPHYCEAN FLAGELLATES
CYCLOTELLA ATOMUS
CYCLOTELLA COMTA
CYCLOTELLA CRYPTICA
CYCLOTELLA KUETZINGIANA
CYCLOTELLA KUETZINGIANA V PLANETOPHORA
CYCLOTELLA MENEGHINIANA
CYCLOTELLA MENEGHINIANA V. PLANA
CYCLOTELLA MICHIGANIANA
CYCLOTELLA OCELLATA
CYCLOTELLA OPERCULATA
CYCLOTELLA PLANKTONICA
CYCLOTELLA SP.
CYCLOTELLA STELLIGERA
CYMATOPLEURA SOLEA
CYMATOPLEURA SOLEA V. APICULATA
CYMBELLA LATENS
CYMBELLA NAVICULIFORMIS
DACTYLOCOCCOPSIS SP.
DACTYLOCOCCOPSIS RHAPHILIOIDES
DIATOMA EHRENBERGII
DIATOMA SP.
DIATOMA TENUE
DIATOMA TENUE V. ELONGATUM
DIATOMA VULGARE
DINOBRYON DIVERGENS
DINOFLAGELLATES
DINOBRYON SP.
EUGLENA SP.
FLAGELLATES
FRAGILARIA CAPUCINA
FRAGILARIA CAPUCINA V. MESOLEPTA
FRAGILARIA CONSTRUENS V. MINUTA
FRAGILARIA CONSTRUENS V. VENTER
FRAGILARIA CROTONENSIS
FRAGILARIA CROTONENSIS V. OREGONA
FRAGILARIA INTERMEDIA
FRAGILARIA INTERMEDIA V. FALLAX
FRAGILARIA LAPPONICA
FRAGILARIA LEPTOSTAURON V. DUBIA
FRAGILARIA PINNATA V. LANCETTULA
FRAGILARIA SP.
GLENODINIUM SP.
GLOEOCYSTIS PLANCTONICA
GLOEOCYSTIS SP.
GOMPHONEMA OLIVACEUM
GOMPHONEMA PARVULUM
GOMPHONEMA SP.
GOMPHOSPHAERIA APONINA
GREEN COCCOID, UNKNOWN
GREEN FILAMENT, UNKNOWN
GYMNODINIUM SP.
KIRCHNERIELLA SP.
MELOSIRA DISTANS V. ALPICENA
MELOSIRA GRANULATA
MELOSIRA ISLANDICA
MELOSIRA ITALICA
MELOSIRA ITALICA V. ANGUSTISSIMA
MELOSIRA ITALICA SUBSP. SUBARCTICA
MERIDION CIRCULARE
MERIDION CIRCULARE V. CONSTRICTUM
MOUGEOTIA SP.
NAVICULA ANGLICA V. SIGNATA
NAVICULA CAPITATA
NAVICULA CAPITATA V. HUNGARICA
NAVICULA CRYPTOCEPHALOIDES
NAVICULA CRYPTOCEPHALA
NAVICULA CRYPTOCEPHALA V. INTERMEDIA

TABLE 5 continued.

17 APRIL 1975 cont.

NAVICULA CRYPTOCEPHALA V. VENETA
NAVICULA DECUSSIS
NAVICULA DILUVIANA
NAVICULA GOTTLANDICA
NAVICULA GREGARIA
NAVICULA HAMBERGII
NAVICULA LANCEOLATA
NAVICULA LATENS
NAVICULA MENISCULUS
NAVICULA MENISCULUS V. OBTUSA
NAVICULA MENISCULUS V. UPSALIENSIS
NAVICULA MUTICA
NAVICULA PUPULA
NAVICULA RADIOSA V. TENELLA
NAVICULA SCHMASSMANNII
NAVICULA SIMPLEX
NAVICULA SP.
NAVICULA #19
NAVICULA #63
NAVICULA TRIPUNCTATA
NAVICULA VIRIDULA
NAVICULA VIRIDULA V. AVENACEA
NAVICULA VIRIDULA V. #2
NITZSCHIA ACICULARIS
NITZSCHIA ACUTA
NITZSCHIA BACATA
NITZSCHIA BULNHEIMIANA
NITZSCHIA CAPITELLATA
NITZSCHIA CONFINIS
NITZSCHIA DISSIPATA
NITZSCHIA FONTICOLOIDES
NITZSCHIA FRUSTULUM
NITZSCHIA IGNORATA
NITZSCHIA KUETZINGIANA
NITZSCHIA PALEA
NITZSCHIA PALEACEA
NITZSCHIA RECTA
NITZSCHIA SP.
NITZSCHIA #1
NITZSCHIA #2
NITZSCHIA #15
NITZSCHIA SPICULOIDES
NITZSCHIA SUBLINEARIS
OSCILLATORIA LIMNETICA
OSCILLATORIA SP.
RHIZOSOLENIA ERIENSIS
RHIZOSOLENIA GRACILIS
RHOICOSPHENIA CURVATA
SCENEDESMUS BICELLULARIS
SCENEDESMUS DIMORPHUS
SCENEDESMUS QUADRICAUDA
SCENEDESMUS SP.
STEPHANODISCUS ALPINUS
STEPHANODISCUS ASTRAEA
STEPHANODISCUS BINDERANUS
STEPHANODISCUS HANTZSCHII
STEPHANODISCUS MINUTUS
STEPHANODISCUS NIAGARAE
STEPHANODISCUS SP.
STEPHANODISCUS SUBTILIS
STEPHANODISCUS TENUIS
STEPHANODISCUS TRANSILVANICUS
STICHOCOCCUS SCOPULINUS
SURIRELLA ANGUSTA
SURIRELLA OVATA
SYNEDRA ACUS
SYNEDRA DELICATISSIMA
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA
SYNEDRA DEMERARAE
SYNEDRA FASCICULATA
SYNEDRA FILIFORMIS
SYNEDRA MINUSCULA
SYNEDRA OSTENFELDII
SYNEDRA RUMPENS V. MENEGHINIANA
SYNEDRA SP.
SYNEDRA TENERA
SYNEDRA ULNA
SYNEDRA ULNA V. CHASEANA
SYNEDRA VAUCHERIAE V. TRUNCATA
TABELLARIA FENESTRATA
TABELLARIA FENESTRATA V. INTERMEDIA
TABELLARIA FLOCCULOSA
THALASSIOSIRA PSEUDONANA
ULOTHRIX SP.

TABLE 5 continued.

17 JULY 1975

ACHNANTHES CLEVEI
ACHNANTHES CLEVEI V. ROSTRATA
ACHNANTHES LANCEOLATA V. DUBIA
ACHNANTHES SP.
ACHNANTHES #3
AMPHORA OVALIS
AMPHORA OVALIS V. LIBYCA
AMPHORA OVALIS V. PEDICULUS
AMPHORA SP. (AFF. A. SIBIRICA)
AMPHORA SP.
AMPHORA SUBCOSTULATA
ANABAENA FLOS-AQUAE
ANACYSTIS INCERTA
ANACYSTIS CYANEA
ANACYSTIS THERMALIS
ANKISTRODESMUS FALCATUS
ANKISTRODESMUS GELIFACTUM
ANKISTRODESMUS SP.
ANKISTRODESMUS #3
ANKISTRODESMUS #5
ASTERIONELLA FORMOSA
BICOECA PAROPSIS
CALONEIS SP.
CALONEIS VENTRICOSA V. MINUTA
CERATIUM HIRUNDINELLA
CHROMULINA PARVULA
CHROMULINA #1
CHROMULINA SP.
CHRYSOPHYCEAN FLAGELLATE SPP.
CLADOPHORA SP.
COCCONEIS PEDICULUS
COSMARIUM #1
CRUCIGENIA IRREGULARIS
CRUCIGENIA QUADRATA
CRUCIGENIA RECTANGULARIS
CRUCIGENIA TETRAPEDIA
CRYPTOMONAS SP.
CRYPTOPHYCEAN FLAGELLATES
CYCLOTELLA COMTA
CYCLOTELLA COMTA V. BODANICA
CYCLOTELLA CRYPTICA
CYCLOTELLA KUETZINGIANA
CYCLOTELLA MENEGHINIANA
CYCLOTELLA MENEGHINIANA V. PLANA
CYCLOTELLA MICHIGANIANA
CYCLOTELLA OCELLATA
CYCLOTELLA PSEUDOSTELLIGERA
CYCLOTELLA SP.
CYCLOTELLA STELLIGERA
CYMATOPLEURA SOLEA
CYMBELLA SP.
DIATOMA TENUE
DIATOMA TENUE V. ELONGATUM
DINOBRYON BAVARICUM
DINOBRYON CYSTS
DINOBRYON DIVERGENS
DINOBRYON FLAGELLATES
DINOBRYON SOCIALE
DINOFLAGELLATES
DINOBRYON SP.
DIPLONEIS OCULATA
EUGLENA SP.
FLAGELLATES
FLAGELLATE A
FRAGILARIA CAPUCINA
FRAGILARIA CONSTRUENS V. PUMILA
FRAGILARIA CONSTRUENS V. VENTER
FRAGILARIA CROTONENSIS
FRAGILARIA INTERMEDIA
FRAGILARIA LEPTOSTAURON
FRAGILARIA PINNATA
FRAGILARIA PINNATA V. LANCETTULA
FRAGILARIA SP.
FRAGILARIA VAUCHERIAE
GLENODINIUM SP.
GLOEOCYSTIS PLANCTONICA
GLOEOCYSTIS SP.
GOMPHONEMA ANGUSTATUM
GOMPHONEMA PARVULUM
GOMPHONEMA SP.
GOMPHOSPHAERIA LACUSTRIS
GREEN COCCOID, UNKNOWN
GREEN COLONY, UNKNOWN
KIRCHNERIELLA LUNARIS
KIRCHNERIELLA SP.
MALLOMONAS PSEUDOCORONATA
MALLOMONAS SP.
MELOSIRA GRANULATA
MELOSIRA GRANULATA V. MUZZANENSIS
MELOSIRA ISLANDICA
MELOSIRA ITALICA
MELOSIRA SP.
NAVICULA ANGLICA V. SIGNATA
NAVICULA ANGLICA V. SUBSALSA
NAVICULA CAPITATA
NAVICULA CAPITATA V. LUNEBURGENSIS
NAVICULA COSTULATA
NAVICULA CRYPTOCEPHALA
NAVICULA CRYPTOCEPHALA V. INTERMEDIA
NAVICULA CRYPTOCEPHALA V. VENETA
NAVICULA DECUSSIS
NAVICULA GASTRUM V. SIGNATA
NAVICULA GREGARIA
NAVICULA LANCEOLATA
NAVICULA LATENS
NAVICULA MENISCULUS V. OBTUSA
NAVICULA MENISCULUS V. UPSALIENSIS
NAVICULA NYASSENSIS F. MINOR
NAVICULA PLATYSTOMA V. PANTOCSEKII
NAVICULA PUPULA
NAVICULA RADIOSA V. TENELLA
NAVICULA SP.
NAVICULA #23
NAVICULA #78

TABLE 5 continued.

17 JULY cont.

NAVICULA VIRIDULA V. LINEARIS
NEIDIUM DUBIUM V. #1
NITZSCHIA ACICULARIS
NITZSCHIA ACUTA
NITZSCHIA CONFINIS
NITZSCHIA DISSIPATA
NITZSCHIA FONTICOLA
NITZSCHIA HUNGARICA
NITZSCHIA KUETZINGIANA
NITZSCHIA PALEA
NITZSCHIA PALEACEA
NITZSCHIA SP.
NITZSCHIA #1
NITZSCHIA #2
NITZSCHIA #10
NITZSCHIA SPICULOIDES
OEDOGONIUM SP.
OESTRUPIA ZACHARIASI
OOCYSTIS SP.
OSCILLATORIA LIMNETICA
OSCILLATORIA RETZII
OSCILLATORIA SP.
PEDIASTRUM TETRAS V. TETRADON
PERIDINIUM SP.
PINNULARIA SP.
RHIZOSOLENIA GRACILIS
SCENEDESMUS ACUMINATUS
SCENEDESMUS BICELLULARIS
SCENEDESMUS DIMORPHUS
SCENEDESMUS HYSTRIX
SCENEDESMUS QUADRICAUDA
SCENEDESMUS QUADRICAUDA V. LONGISPINA
SCENEDESMUS QUADRICAUDA V. LONGISPINA F.
SCENEDESMUS SP.
SCENEDESMUS SPINOSUS
SCENEDESMUS TETRADESMIFORMIS
SPHAEROCYSTIS SCHROETERI
SPHAEROCYSTIS SP.
STAURONEIS ACUTIUSCULA
STEPHANODISCUS ALPINUS
STEPHANODISCUS BINDERANUS
STEPHANODISCUS MINUTUS
STEPHANODISCUS SP.
STEPHANODISCUS SUBTILIS
STEPHANODISCUS TENUIS
SURIRELLA ANGUSTA
SURIRELLA OVATA
SYNEDRA DEMERARAE
SYNEDRA FILIFORMIS
SYNEDRA FILIFORMIS V. EXILIS
SYNEDRA PARASITICA
SYNEDRA SP.
SYNEDRA ULNA V. CHASEANA
SYNURA SP.
TABELLARIA FENESTRATA
TABELLARIA FENESTRATA V. INTERMEDIA
TABELLARIA FLOCCULOSA
TABELLARIA SP.
TETRAEDRON CAUDATUM
TETRAEDRON MINIMUM
TETRAEDRON MUTICUM
TETRAEDRON SP.
TRACHELOMONAS SP.
TREUBARIA SETIGERUM
TROPIDONEIS LEPIDOPTERA V. PROBOSCIDEA

TABLE 5 continued.

17 OCTOBER 1975

ACHNANTHES CLEVEI
ACHNANTHES CLEVEI V. ROSTRATA
ACHNANTHES LANCEOLATA
ACHNANTHES LANCEOLATA V. DUBIA
ACHNANTHES SP.
ACHNANTHES #30
ACTINASTRUM HANTZSCHII V. FLUVIATILE
AGMENELLUM QUADRUPLICATUM
AMPHIPLEURA PELLUCIDA
AMPHIPRORA ORNATA
AMPHORA AUXOSPORE
AMPHORA CALUMETICA
AMPHORA CRUCIFEROIDES
AMPHORA FONTICOLA
AMPHORA NEGLECTA
AMPHORA OVALIS
AMPHORA OVALIS V. CONSTRICTA
AMPHORA OVALIS V. LIBYCA
AMPHORA OVALIS V. PEDICULUS
AMPHORA ROTUNDA
AMPHORA SIBIRICA
AMPHORA SP.
AMPHORA SUBCOSTULATA
AMPHORA #3
ANABAENA FLOS-AQUAE
ANACYSTIS INCERTA
ANACYSTIS CYANEA
ANACYSTIS SP.
ANACYSTIS THERMALIS
ANKISTRODESMUS BRAUNII
ANKISTRODESMUS FALCATUS
ANKISTRODESMUS GELIFACTUM
ANKISTRODESMUS SP.
ANKISTRODESMUS #2
ANKISTRODESMUS #3
ASTERIONELLA FORMOSA
BICOECA PAROPSIS
BITRICHIA SP.
BOTRYOCOCCUS SP.
CALONEIS AMPHISBAENA
CALONEIS SP.
CALONEIS VENTRICOSA V. MINUTA
CALONEIS #3
CENTRIC DIATOM, UNKNOWN
CERATIUM HIRUNDINELLA
CHLORELLA ELLIPSOIDEA
CHLORELLA SP.
CHLORELLA VULGARIS
CHROMULINA PARVULA
CHROMULINA #1
CHROMULINA #2
CHRYSOPHYCEAN FLAGELLATE SPP.
CLADOPHORA SP.
CLOSTERIUM SP.
COCCONEIS PLACENTULA V. EUGLYPTA
COELASTRUM SP.
COSMARIUM #1
CRUCIGENIA IRREGULARIS
CRUCIGENIA QUADRATA
CRYPTOMONAD SP.
CRYPTOMONAS SP.
CRYPTOPHYCEAN FLAGELLATES
CYCLOTELLA ANTIQUA
CYCLOTELLA ATOMUS
CYCLOTELLA AUXOSPORE
CYCLOTELLA COMENSIS
CYCLOTELLA COMTA
CYCLOTELLA CRYPTICA
CYCLOTELLA KUETZINGIANA
CYCLOTELLA KUETZINGIANA AUXOSPORE
CYCLOTELLA MENEGHINIANA
CYCLOTELLA MENEGHINIANA V. PLANA
CYCLOTELLA MICHIGANIANA
CYCLOTELLA OCELLATA
CYCLOTELLA OPERCULATA
CYCLOTELLA SP.
CYCLOTELLA STELLIGERA
CYMATOPLEURA SOLEA
CYMATOPLEURA SOLEA V. APICULATA
CYMBELLA CUSPIDATA
CYMBELLA OBTUSIUSCULA
CYMBELLA PROSTRATA
CYMBELLA PROSTRATA V. AUERSWALDII
CYMBELLA SP.
DACTYLOCOCCOPSIS ACICULARIS
DACTYLOCOCCOPSIS LINEARIS
DENTICULA TENUIS V. CRASSULA
DIATOMA EHRENBERGII
DIATOMA SP.
DIATOMA TENUE
DIATOMA TENUE V. ELONGATUM
DIATOMA VULGARE
DICTYOSPHAERIUM SP.
DINOBRYON BAVARICUM
DINOBRYON CYSTS
DINOBRYON DIVERGENS
DINOBRYON FLAGELLATES
DINOBRYON SOCIALE
DINOFLAGELLATE CYSTS
DINOFLAGELLATES
DINOBRYON SP.
DIPLONEIS OCULATA
DIPLONEIS PARMA
DIPLONEIS SP.
ELAKATOTHRIX GELATINOSA
EUNOTIA SP.
FLAGELLATES
FLAGELLATE A
FLAGELLATE B
FRAGILARIA BREVISTRIATA
FRAGILARIA BREVISTRIATA V. INFLATA
FRAGILARIA CAPUCINA
FRAGILARIA CAPUCINA V. LANCEOLATA
FRAGILARIA CONSTRUENS

TABLE 5 continued.

17 OCTOBER cont.

FRAGILARIA CONSTRUENS V. BINODIS
FRAGILARIA CONSTRUENS V. MINUTA
FRAGILARIA CONSTRUENS V. VENTER
FRAGILARIA CROTONENSIS
FRAGILARIA INTERMEDIA
FRAGILARIA INTERMEDIA V. FALLAX
FRAGILARIA LEPTOSTAURON
FRAGILARIA PINNATA
FRAGILARIA PINNATA V. LANCETTULA
FRAGILARIA SP.
FRAGILARIA VAUCHERIAE
FRAGILARIA VAUCHERIAE V. CAPITELLATA
GLENODINIUM SP.
GLOEOCYSTIS PLANCTONICA
GLOEOCYSTIS SP.
GOLENKINIA RADIATA
GOLENKINIA SP.
GOMPHONEMA INTRICATUM
GOMPHONEMA OLIVACEUM
GOMPHONEMA SP.
GOMPHOSPHAERIA APONINA
GOMPHOSPHAERIA LACUSTRIS
GREEN CELLS, UNDETERMINED
GREEN COCCOID, UNKNOWN
GREEN COLONY, UNKNOWN
GREEN FILAMENT, UNKNOWN
GYMNODINIUM SP.
GYROSIGMA ACUMINATUM
GYROSIGMA ATTENUATUM
GYROSIGMA SP.
KIRCHNERIELLA LUNARIS
KIRCHNERIELLA LUNARIS V. IRREGULARIS
KIRCHNERIELLA SP.
LAGERHEIMIA CILIATA
LAGERHEIMIA CITRIFORMIS
LAGERHEIMIA LONGISETA
LAGERHEIMIA SP.
MALLOMONAS PSEUDOCORONATA
MALLOMONAS SP.
MELOSIRA DISTANS
MELOSIRA GRANULATA
MELOSIRA GRANULATA V. ANGUSTISSIMA
MELOSIRA ISLANDICA
MELOSIRA ITALICA
MELOSIRA SP.
MICRACTINIUM SP.
MOUGEOTIA SP.
NAVICULA ANGLICA V. SIGNATA
NAVICULA ANGLICA V. SUBSALSA
NAVICULA AURORA
NAVICULA BACILLUM
NAVICULA CAPITATA
NAVICULA CAPITATA V. LUNEBURGENSIS
NAVICULA CLEMENTIS
NAVICULA CLEMENTIS V. QUADRISTIGMATA
NAVICULA COMPLETA
NAVICULA COSTULATA
NAVICULA CRYPTOCEPHALA
NAVICULA CRYPTOCEPHALA V. INTERMEDIA
NAVICULA CRYPTOCEPHALA V. VENETA
NAVICULA DECUSSIS
NAVICULA EXIGUA
NAVICULA EXIGUA V CAPITATA
NAVICULA EXIGUAFORMIS
NAVICULA GASTRUM V. SIGNATA
NAVICULA GREGARIA
NAVICULA LANCEOLATA
NAVICULA LATENS
NAVICULA MENISCULUS
NAVICULA MENISCULUS V. OBTUSA
NAVICULA MENISCULUS V. UPSALIENSIS
NAVICULA MICROPUPULA
NAVICULA NYASSENSIS
NAVICULA NYASSENSIS F. MINOR
NAVICULA PLACENTULA V. ROSTRATA
NAVICULA PLATYSTOMA V. PANTOCSEKII
NAVICULA PUPULA
NAVICULA PUPULA V. RECTANGULARIS
NAVICULA PUPULA V. ROSTRATA
NAVICULA RADIOSA
NAVICULA RADIOSA V. TENELLA
NAVICULA SCUTELLOIDES
NAVICULA SP.
NAVICULA #78
NAVICULA STROESEI
NAVICULA SUBHOMULATA
NAVICULA TRIPUNCTATA
NAVICULA TRIPUNCTATA V. CUNEATA
NAVICULA TUSCULA
NAVICULA VIRIDULA
NEIDIUM DUBIUM
NEIDIUM DUBIUM V. #1
NEIDIUM #3
NEPHROCYTIUM OBESUM
NITZSCHIA ACICULARIS
NITZSCHIA ACUTA
NITZSCHIA BACATA
NITZSCHIA CAPITELLATA
NITZSCHIA CONFINIS
NITZSCHIA DISSIPATA
NITZSCHIA FILIFORMIS
NITZSCHIA FONTICOLA
NITZSCHIA FRUSTULUM
NITZSCHIA KUETZINGIANA
NITZSCHIA LINEARIS
NITZSCHIA LINEARIS V. TENUIS
NITZSCHIA PALEA
NITZSCHIA PALEACEA
NITZSCHIA RECTA
NITZSCHIA SIGMOIDEA
NITZSCHIA SP.
NITZSCHIA #1
NITZSCHIA #2

TABLE 5 continued.

17 OCTOBER cont.

NITZSCHIA #8
NITZSCHIA #10
NITZSCHIA SPICULOIDES
NITZSCHIA SUBLINEARIS
OCHROMONAS SP.
OESTRUPIA ZACHARIASI
OOCYSTIS SP.
OSCILLATORIA LIMNETICA
OSCILLATORIA PEIZII
OSCILLATORIA SP.
PEDIASTRUM BIRADIATUM
PEDIASTRUM BORYANUM
PEDIASTRUM DUPLEX V. CLATHRATUM
PEDIASTRUM DUPLEX V. GRACILLIMUM
PEDIASTRUM SP.
PEDIASTRUM TETRAS
PERIDINIUM SP.
QUADRIGULA CHODATII
RHIZOSOLENIA ERIENSIS
RHIZOSOLENIA GRACILIS
RHIZOSOLENIA SP.
RHOICOSPHENIA CURVATA
SCENEDESMUS ACUMINATUS
SCENEDESMUS ACUTUS
SCENEDESMUS ARCUATUS
SCENEDESMUS BICELLULARIS
SCENEDESMUS BIJUGA
SCENEDESMUS BIJUGA V. ALTERNANS
SCENEDESMUS QUADRICAUDA
SCENEDESMUS QUADRICAUDA V. BIORNATUS
SCENEDESMUS QUADRICAUDA V. LONGISPINA
SCENEDESMUS SP.
SCENEDESMUS SPINOSUS
SCENEDESMUS TETRADESMIFORMIS
SPHAEROCYSTIS SCHROETERI
SPHAEROCYSTIS SP.
STAURASTRUM PARADOXICUM
STAURONEIS ACUTIUSCULA
STAURONEIS SP.
STEPHANODISCUS ALPINUS
STEPHANODISCUS AUXOSPORE
STEPHANODISCUS BINDERANUS
STEPHANODISCUS MINUTUS
STEPHANODISCUS NIAGARAE
STEPHANODISCUS SP.
STEPHANODISCUS SUBTILIS
STEPHANODISCUS TENUIS
STEPHANODISCUS TRANSILVANICUS
SURIRELLA ANGUSTA
SURIRELLA SP.
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA
SYNEDRA DEMERARAE
SYNEDRA FILIFORMIS
SYNEDRA MINUSCULA
SYNEDRA OSTENFELDII
SYNEDRA RADIANS
SYNEDRA RUMPENS V. MENEGHINIANA
SYNEDRA SP.
SYNEDRA #9
SYNEDRA ULNA
SYNEDRA ULNA V. CHASEANA
SYNURA SP.
TABELLARIA FENESTRATA
TABELLARIA FENESTRATA V. INTERMEDIA
TABELLARIA FLOCCULOSA
TABELLARIA SP.
TETRAEDRON CAUDATUM
TETRAEDRON MINIMUM
TETRAEDRON SP.
TETRASTRUM STAUROGENIAEFORME
TRACHELOMONAS SP.
TREUBARIA SETIGERUM
ULOTHRIX SP.

TABLE 6. Numbers of phytoplankton species or groups, numbers of individuals per milliliter, and diversity indices of the 1974 and 1975 station collections.

Station	Species or groups	Individuals/ml	Div. index	Station	Species or groups	Individuals/ml	Div. index
	20 APRIL 1974						
DC-1	37	1510	3.51	NDC-7-5	34	963	3.93
DC-2	43	1104	4.04	SDC-.5-0	50	2154	3.94
DC-3	49	2719	3.87	SDC-.5-2	47	1875	3.69
DC-4	42	1410	4.16	SDC-1-0	42	2261	3.97
DC-5	45	1054	4.35	SDC-1-1	42	2816	3.90
DC-6	42	696	4.36	SDC-1-2	49	2972	3.97
NDC-.5-0	36	2259	3.76	SDC-2-0	43	863	3.97
NDC-.5-2	36	909	3.59	SDC-2-1	49	1489	3.86
NDC-1-0	42	1065	4.04	SDC-2-3	49	1232	3.87
NDC-1-1	51	2933	4.15	SDC-4-0	61	2793	3.61
NDC-1-2	48	2569	4.16	SDC-4-1	48	2247	4.03
NDC-2-0	70	2740	4.54	SDC-4-3	42	2586	3.96
NDC-2-1	57	2291	4.15	SDC-4-4	36	469	3.77
NDC-2-3	53	2009	3.88	SDC-7-1	47	4578	3.73
NDC-4-0	42	1671	3.97	SDC-7-3	43	2268	4.10
NDC-4-1	53	2013	4.32	SDC-7-5	42	858	4.02
NDC-4-3	40	1628	3.71				
NDC-4-4	39	675	4.17	Overall ave. diversity index			3.96
NDC-7-1	31	712	3.82				
NDC-7-3	48	2718	3.71				

TABLE 6 continued.

Station	Species or groups	Individuals/ml	Div. index	Station	Species or groups	Individuals/ml	Div. index
	11 JULY 1974						
DC-0	48	1159	4.15	NDC-7-3	46	1852	3.51
DC-1	51	1625	3.94	NDC-7-5	33	498	3.50
DC-2	47	514	3.62	SDC-.5-1	40	1067	3.80
DC-3	38	589	3.30	SDC-.5-2	46	860	4.25
DC-4	41	974	3.85	SDC-1-0	46	2750	3.64
DC-5	31	831	3.46	SDC-1-1	33	1594	3.40
DC-6	44	2578	4.06	SDC-1-2	30	1589	2.84
NDC-.5-0	59	1707	4.07	SDC-2-0	43	2913	3.30
NDC-.5-1	40	1431	3.94	SDC-2-1	41	785	3.75
NDC-.5-2	49	1989	4.04	SDC-2-3	40	683	3.54
NDC-1-0	66	3099	4.31	SDC-4-1	42	848	3.74
NDC-1-1	40	2027	4.02	SDC-4-3	33	1057	3.32
NDC-1-2	54	3378	3.90	SDC-4-4	20	554	2.59
NDC-2-0	67	3113	4.26	SDC-7-1	40	917	3.56
NDC-2-1	49	950	4.37	SDC-7-3	41	1040	3.55
NDC-2-3	49	1322	3.65	SDC-7-5	35	974	3.51
NDC-4-0	64	1748	4.36				
NDC-4-1	58	3092	4.09	Overall ave. diversity index			3.76
NDC-4-3	46	1475	3.96				
NDC-4-4	40	519	3.90				
NDC-7-1	64	1757	4.18				

TABLE 6 continued.

Station	Species or groups	Individuals/ml	Div. index	Station	Species or groups	Individuals/ml	Div. index
	9 OCTOBER 1974						
DC-0	61	1025	4.56	NDC-7-3	40	645	3.03
DC-1	63	1174	4.62	NDC-7-5	53	717	3.24
DC-2	59	939	4.33	SDC-.5-0	68	2791	4.20
DC-3	50	897	3.26	SDC-.5-1	62	1480	4.43
DC-4	51	1132	3.26	SDC-.5-2	65	1434	4.30
DC-5	46	1197	3.36	SDC-1-0	94	2650	4.46
DC-6	31	1023	2.48	SDC-1-1	73	3886	3.65
NDC-.5-0	55	2456	3.64	SDC-1-2	61	3304	3.52
NDC-.5-1	56	963	3.94	SDC-2-0	71	1317	4.43
NDC-.5-2	51	934	3.66	SDC-2-1	63	1041	4.08
NDC-1-0	65	1720	3.92	SDC-2-3	60	1275	4.07
NDC-1-1	66	2044	3.34	SDC-4-0	81	1517	4.88
NDC-1-2	50	1093	3.68	SDC-4-1	50	1276	3.87
NDC-2-0	69	3058	4.28	SDC-4-3	37	1102	3.48
NDC-2-1	35	1488	3.28	SDC-4-4	47	847	3.47
NDC-2-3	55	2186	3.86	SDC-7-1	52	2456	3.50
NDC-4-0	48	2222	4.27	SDC-7-3	58	1790	3.32
NDC-4-1	69	4430	1.97	SDC-7-5	49	1751	2.89
NDC-4-3	48	961	4.38				
NDC-4-4	36	686	2.67	Overall ave. diversity index			3.73
NDC-7-1	46	716	3.95				

TABLE 6 continued.

Station	Species or groups	Individuals/ml	Div. index	Station	Species or groups	Individuals/ml	Div. index
	17 APRIL 1975						
DC-0	44	2246	4.23	NDC-7-3	39	4245	3.99
DC-1	54	3478	4.27	NDC-7-5	37	192	3.96
DC-2	40	4716	4.06	SDC-.5-0	56	2752	4.13
DC-3	50	2692	4.37	SDC-.5 1	51	5203	4.16
DC-4	57	5361	4.36	SDC-.5-2	43	255	4.23
DC-5	44	1914	4.07	SDC-1-0	60	556	4.12
DC-6	55	1614	4.23	SDC-1-1	45	4812	4.12
NDC-.5-0	45	235	4.24	SDC-1-2	45	1514	4.19
NDC-.5-1	51	1807	4.34	SDC-2-0	46	350	4.18
NDC-.5-2	46	1656	4.05	SDC-2-1	47	518	3.95
NDC-1-0	38	6013	4.08	SDC-2-3	49	367	4.09
NDC-1-1	35	4223	4.12	SDC-4-0	43	9175	4.25
NDC-1-2	48	7436	4.07	SDC-4-1	46	528	4.20
NDC-2-0	37	718	4.11	SDC-4-3	52	345	4.28
NDC-2-1	50	521	4.06	SDC-4-4	43	200	4.02
NDC-2-3	42	223	3.95	SDC-7-1	27	1219	3.66
NDC-4-0	33	734	3.69	SDC-7-3	32	241	3.61
NDC-4-1	36	172	4.20	SDC-7-5	42	144	4.01
NDC-4-3	43	217	3.95				
NDC-4-4	40	107	4.31	Overall ave. diversity index			4.10
NDC-7-1	36	981	3.95				

TABLE 6 continued.

Station	Species or groups	Individuals/ml	Div. index
	17 JULY 1975		
DC-0	66	929	3.21
DC-1	41	615	3.18
DC-2	32	493	2.80
DC-3	46	506	3.16
DC-4	40	577	3.51
DC-5	37	529	3.19
DC-6	35	705	3.39
NDC-.5-0	67	880	3.28
NDC-.5-1	46	415	3.17
NDC-.5-2	35	772	3.43
NDC-1-0	78	692	3.86
NDC-1-1	36	541	3.23
NDC-1-2	32	404	3.38
NDC-2-0	71	519	4.01
NDC-2-1	47	628	3.25
NDC-2-3	25	1035	3.00
NDC-4-0	56	1151	3.91
NDC-4-1	31	1539	3.24
NDC-4-3	27	1245	2.97
NDC-4-4	26	1183	3.19
NDC-7-1	Sample broken		
NDC-7-3	31	1145	3.16
NDC-7-5	28	409	2.93
SDC-.5-0	25	1675	2.15
SDC-.5-1	34	395	3.05
SDC-.5-2	16	1231	2.66
SDC-1-0	59	1929	3.86
SDC-1-1	23	1459	2.84
SDC-1-2	24	716	3.34
SDC-2-0	60	1567	3.71
SDC-2-1	34	1431	3.60
SDC-2-3	27	980	3.41
SDC-4-0	52	1080	3.17
SDC-4-1	34	628	2.97
SDC-4-3	33	332	3.43
SDC-4-4	22	200	3.08
SDC-7-1	30	656	2.52
SDC-7-3	29	607	3.09
SDC-7-5	26	628	2.65
Overall ave. diversity index			3.21

TABLE 6 continued.

Station	Species or groups	Individuals/ml	Div. index
	17 OCTOBER 1975		
DC-0	102	2043	4.34
DC-1	72	1286	4.52
DC-2	88	1980	4.30
DC-3	89	2807	3.94
DC-4	72	3095	3.47
DC-5	47	1446	3.43
DC-6	Station not taken -- too rough		
NDC-.5-0	82	2255	3.90
NDC-.5-1	87	2218	4.23
NDC-.5-2	86	3668	3.56
NDC-1-0	103	1894	4.49
NDC-1-1	86	1457	4.92
NDC-1-2	74	1036	3.27
NDC-2-0	107	3464	3.77
NDC-2-1	97	2394	3.44
NDC-2-3	69	2957	3.68
NDC-4-0	100	1970	4.32
NDC-4-1	99	2748	4.27
NDC-4-3	38	853	3.21
NDC-7-1	97	1443	5.04
NDC-7-3	96	3851	3.52
NDC-7-5	59	2191	3.07
SDC-.5-0	84	2217	4.45
SDC-.5-1	65	1659	3.49
SDC-.5-2	81	3315	3.94
SDC-1-0	88	1792	4.33
SDC-1-1	72	1692	3.87
SDC-1-2	58	1592	3.89
SDC-2-0	93	2294	4.58
SDC-2-1	70	1893	4.41
SDC-2-3	54	1472	4.04
SDC-4-0	109	2820	4.71
SDC-4-1	64	1160	4.18
SDC-4-3	57	2150	3.68
SDC-4-4	Station not taken -- too rough		
SDC-7-1	86	2371	4.30
SDC-7-3	64	2000	4.23
SDC-7-5	44	1682	3.52
Overall ave. diversity index			4.01

Table 7. Means, standard errors, and numbers of observations of phytoplankton abundances by seasons, depth zones, and inner or outer station-groups in Cook Plant surveys during preoperational 1971 through 1974, and operational 1975. B-G = blue-greens, Filam. = filamentous. Phytoplankton units are cells per ml. Standard errors are computed only when N = 2 or more.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
15 APRIL 1971											
0	Inner										
	Mean	1.60	13.70	25.10	1.50	259.20	361.60	198.10	0.70	25.30	887.10
	S.E.	0.51	5.30	8.61	0.72	41.20	75.52	31.96	0.42	7.20	147.43
	N	10	10	10	10	10	10	10	10	10	10
	Outer										
	Mean	0.25	10.25	27.75	1.88	284.00	424.38	198.75	2.25	35.25	984.75
	S.E.	0.25	2.35	8.81	0.97	59.12	86.42	33.13	1.35	8.81	146.75
	N	8	8	8	8	8	8	8	8	8	8
1	Inner										
	Mean	1.33	6.67	6.00	2.00	155.67	140.33	147.00	0.67	9.00	468.67
	S.E.	0.88	1.20	1.00	2.00	25.33	12.71	39.95	0.66	1.00	74.21
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	0.67	5.00	3.33	0.00	61.67	92.33	61.00	0.00	4.67	228.67
	S.E.	0.33	1.00	1.45	0.00	23.33	27.48	18.88	0.00	0.66	71.91
	N	3	3	3	3	3	3	3	3	3	3
2	Inner										
	Mean	0.50	5.50	5.50	0.00	144.00	122.00	53.50	0.50	12.50	344.00
	S.E.	0.50	1.50	4.50	0.00	69.00	41.00	12.50	0.50	7.50	111.00
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	0.50	5.00	5.00	0.00	82.50	73.75	38.75	0.50	8.50	214.50
	S.E.	0.29	0.71	1.69	0.00	16.23	11.67	5.27	0.29	2.63	33.26
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
9 JULY 1971											
0	Inner										
	Mean	0.20	8.60	160.10	5.50	67.20	27.30	49.90	5.00	51.10	374.90
	S.E.	0.20	1.44	29.59	0.93	12.48	5.16	15.25	1.09	8.87	65.94
	N	10	10	10	10	10	10	10	10	10	10
	Outer										
	Mean	3.50	11.40	267.50	8.30	75.10	30.90	66.90	4.50	89.90	558.00
	S.E.	3.28	1.76	93.59	1.82	11.44	8.78	22.27	0.91	34.33	137.96
	N	10	10	10	10	10	10	10	10	10	10
1	Inner										
	Mean	0.00	12.00	115.00	5.50	49.00	16.00	13.50	2.50	37.00	250.50
	S.E.	0.00	3.00	15.00	1.50	4.00	3.00	0.50	0.50	4.00	14.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	0.00	10.75	283.00	6.00	58.75	31.75	17.00	3.25	75.00	485.50
	S.E.	0.00	3.82	233.71	2.28	12.79	18.99	2.95	0.48	51.97	319.79
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	0.00	13.00	183.00	3.50	104.50	22.00	9.00	4.50	74.00	413.50
	S.E.	0.00	7.00	88.00	3.50	52.50	19.00	8.00	1.50	61.00	237.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	0.50	5.00	5.00	0.00	82.50	73.75	38.75	0.50	8.50	214.50
	S.E.	0.29	0.71	1.69	0.00	16.23	11.67	5.27	0.29	2.63	33.26
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
8 NOVEMBER 1971											
0	Inner										
	Mean	45.00	1.83	69.17	0.67	114.50	8.00	103.33	2.17	11.83	356.50
	S.E.	8.93	0.70	16.27	0.42	17.48	2.25	21.75	0.60	1.47	62.50
	N	6	6	6	6	6	6	6	6	6	6
	Outer										
	Mean	59.33	2.33	71.33	1.00	139.17	8.33	178.17	3.17	17.50	480.33
	S.E.	7.07	0.92	11.28	0.45	26.65	2.64	73.17	0.75	4.96	107.94
	N	6	6	6	6	6	6	6	6	6	6
1	Inner										
	Mean	64.00	2.50	116.00	1.50	176.00	9.00	146.50	4.00	28.50	548.00
	S.E.	12.00	1.50	30.00	0.50	9.00	6.00	56.50	2.00	11.50	102.00
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	36.50	0.00	58.00	0.50	172.00	5.00	52.00	1.00	11.00	336.00
	S.E.	5.50	0.00	13.00	0.50	29.00	3.00	17.00	1.00	5.00	61.00
	N	2	2	2	2	2	2	2	2	2	2
2	Inner										
	Mean	43.00	1.50	59.50	0.50	120.00	5.50	54.50	1.50	7.50	293.50
	S.E.	4.00	0.50	23.50	0.50	46.00	0.50	5.50	0.50	0.50	68.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	41.00	2.00	38.00	0.00	162.00	4.00	26.00	1.00	8.00	282.00
	S.E.	--	--	--	--	--	--	--	--	--	--
	N	1	1	1	1	1	1	1	1	1	1

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
12 APRIL 1972											
0	Inner										
	Mean	1.29	2.71	273.29	1.00	449.43	741.57	609.29	3.14	50.00	2131.71
	S.E.	0.97	1.85	91.96	0.58	135.67	300.33	166.25	1.56	18.68	573.39
	N	7	7	7	7	7	7	7	7	7	7
	Outer										
	Mean	2.50	11.00	541.50	7.50	669.00	1784.50	964.00	5.00	117.50	4102.50
	S.E.	1.13	5.49	120.65	5.68	120.15	257.84	117.63	1.69	46.04	184.82
	N	4	4	4	4	4	4	4	4	4	4
1	Inner										
	Mean	0.00	0.00	135.00	2.00	301.00	90.00	378.00	5.00	19.00	930.00
	S.E.	--	--	--	--	--	--	--	--	--	--
	N	1	1	1	1	1	1	1	1	1	1
	Outer										
	Mean	1.00	9.00	131.50	1.50	464.00	302.00	638.00	1.00	56.50	1604.50
	S.E.	0.00	3.00	16.50	0.50	96.00	45.00	272.00	1.00	12.50	439.50
	N	2	2	2	2	2	2	2	2	2	2
2	Inner										
	Mean	0.50	5.00	89.50	3.50	246.00	99.50	423.00	3.50	26.50	897.00
	S.E.	0.50	0.00	29.50	1.50	10.00	19.50	42.00	1.50	3.50	102.00
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	0.00	6.00	111.50	2.50	428.00	316.50	642.00	1.00	48.50	1556.00
	S.E.	0.00	4.00	38.50	0.50	28.00	89.50	80.00	0.00	9.50	25.00
	N	2	2	2	2	2	2	2	2	2	2

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
16 JULY 1972											
0	Inner										
	Mean	0.38	71.25	73.75	3.25	188.25	24.88	288.63	0.63	22.25	673.25
	S.E.	0.26	25.64	24.85	1.13	75.48	10.68	110.63	0.50	12.83	225.10
	N	8	8	8	8	8	8	8	8	8	8
	Outer										
	Mean	0.11	31.89	42.44	0.89	98.67	15.44	240.11	0.00	4.56	434.11
	S.E.	0.11	11.42	32.12	0.42	38.76	4.24	79.92	0.00	1.36	124.08
	N	9	9	9	9	9	9	9	9	9	9
1	Inner										
	Mean	0.00	18.67	33.33	2.00	39.67	9.00	128.33	0.00	7.00	238.00
	S.E.	0.00	4.49	26.84	1.15	12.24	1.53	28.76	0.00	6.03	68.42
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	0.00	26.00	107.00	2.00	56.75	7.00	87.00	0.00	11.75	297.50
	S.E.	0.00	7.56	105.34	1.08	23.16	4.06	45.46	0.00	6.25	186.92
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	0.00	4.50	32.50	0.50	28.50	8.00	19.50	0.50	3.50	97.50
	S.E.	0.00	1.50	26.50	0.50	15.50	1.00	11.50	0.50	2.50	33.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	0.00	24.75	14.75	0.00	90.75	15.25	54.25	0.25	14.25	214.25
	S.E.	0.00	20.90	8.25	0.00	30.00	6.89	41.33	0.25	11.92	72.44
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
15 OCTOBER 1972											
0	Inner										
	Mean	46.38	13.63	103.00	0.50	223.13	1561.50	505.13	2.50	43.00	2498.75
	S.E.	10.31	4.23	11.52	0.50	69.32	326.45	81.88	0.60	7.69	374.37
	N	8	8	8	8	8	8	8	8	8	8
	Outer										
	Mean	67.60	29.70	139.20	1.10	303.00	2026.90	561.90	2.10	59.70	3191.20
	S.E.	12.12	12.64	29.29	0.72	49.93	529.71	184.77	0.64	12.68	750.80
	N	10	10	10	10	10	10	10	10	10	10
1	Inner										
	Mean	104.00	2.33	67.00	0.67	297.33	635.67	342.67	0.67	35.67	1486.00
	S.E.	27.05	1.85	3.79	0.33	52.25	195.33	104.25	0.66	10.84	331.12
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	104.00	4.25	55.25	0.75	312.75	578.75	318.00	0.00	33.00	1406.75
	S.E.	21.96	1.38	10.16	0.48	67.87	129.41	78.35	0.00	10.75	134.49
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	143.50	2.50	59.00	0.00	226.00	436.50	290.50	0.00	8.00	1166.00
	S.E.	23.50	0.50	31.00	0.00	15.00	32.50	126.50	0.00	6.00	130.00
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	234.00	1.25	37.00	0.50	236.00	69.00	117.75	0.00	17.50	713.00
	S.E.	110.65	0.63	6.50	0.50	53.09	17.46	34.20	0.00	2.85	164.01
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
25 APRIL 1973											
0	Inner										
	Mean	4.25	4.00	93.88	1.75	257.38	633.25	347.88	0.25	26.38	1369.00
	S.E.	2.71	1.75	32.76	1.11	43.71	76.93	154.13	0.25	7.16	254.24
	N	8	8	8	8	8	8	8	8	8	8
	Outer										
	Mean	0.00	4.38	48.63	1.13	241.75	1003.38	273.38	0.75	7.88	1581.25
	S.E.	0.00	2.03	14.47	0.58	50.72	227.64	39.92	0.53	2.59	268.50
	N	8	8	8	8	8	8	8	8	8	8
1	Inner										
	Mean	0.00	8.67	46.00	2.00	332.67	717.00	152.00	0.00	22.00	1280.33
	S.E.	0.00	4.41	22.52	2.00	109.29	137.62	45.28	0.00	7.77	307.16
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	3.50	4.00	38.50	1.25	328.50	1140.75	308.25	1.00	13.75	1839.50
	S.E.	2.87	2.16	25.01	0.48	87.29	353.54	26.96	0.58	4.01	431.62
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	8.50	8.00	70.50	1.00	287.50	809.00	288.50	0.00	11.50	1484.50
	S.E.	8.50	1.00	18.50	1.00	40.50	256.00	151.50	0.00	5.50	362.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	0.67	4.00	37.00	0.67	254.67	976.67	328.67	0.00	14.00	1616.33
	S.E.	0.66	2.64	5.86	0.66	37.03	530.48	167.37	0.00	6.03	732.65
	N	3	3	3	3	3	3	3	3	3	3

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
19 JULY 1973											
0	Inner										
	Mean	29.43	27.14	158.00	1.43	182.43	2111.00	137.00	0.86	267.43	2914.29
	S.E.	12.92	16.27	48.81	0.75	47.99	619.59	28.09	0.59	95.01	75.40
	N	7	7	7	7	7	7	7	7	7	7
	Outer										
	Mean	27.44	11.11	290.56	3.22	145.11	1784.33	120.22	1.44	134.11	2517.56
	S.E.	9.71	1.96	137.46	1.81	33.67	378.17	30.83	0.84	43.64	542.65
	N	9	9	9	9	9	9	9	9	9	9
1	Inner										
	Mean	47.67	10.33	266.00	2.33	250.67	2720.00	179.00	2.00	231.33	3709.33
	S.E.	24.18	6.01	187.32	1.45	79.10	657.52	21.59	2.00	20.54	684.68
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	39.50	10.50	212.50	3.75	257.50	2458.25	104.75	0.00	51.00	3137.55
	S.E.	12.04	4.48	116.09	2.84	106.69	1261.10	53.96	0.00	24.77	1545.58
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	11.50	3.00	39.00	0.00	94.50	307.50	65.50	0.50	28.00	549.50
	S.E.	4.50	1.00	26.00	0.00	70.50	33.50	59.50	0.50	20.00	84.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	140.50	6.50	92.00	0.00	76.75	305.25	56.25	0.00	6.75	684.00
	S.E.	95.29	1.94	34.77	0.00	12.84	194.73	24.29	0.00	0.48	260.09
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
23 OCTOBER 1973											
0	Inner										
	Mean	21.00	13.14	63.43	0.57	325.86	1573.14	472.00	1.14	57.29	2527.57
	S.E.	5.11	4.17	37.99	0.57	64.92	196.85	73.00	0.40	22.32	242.67
	N	7	7	7	7	7	7	7	7	7	7
	Outer										
	Mean	32.71	11.43	25.29	0.43	750.29	1272.57	493.14	0.29	76.43	2662.57
	S.E.	4.22	4.05	12.27	0.43	133.43	313.62	140.94	0.29	9.71	414.63
	N	7	7	7	7	7	7	7	7	7	7
1	Inner										
	Mean	40.33	11.67	28.00	0.00	528.33	1448.67	319.33	1.33	54.67	2432.33
	S.E.	4.66	3.18	2.52	0.00	130.50	454.86	49.09	0.66	18.85	586.54
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	27.75	6.50	24.00	0.25	865.75	1103.75	244.00	0.25	40.00	3212.25
	S.E.	3.28	1.56	7.29	0.25	254.10	291.02	39.12	0.25	6.21	512.20
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	30.00	11.50	26.00	0.50	348.00	841.00	207.00	0.00	47.50	1511.50
	S.E.	7.00	8.50	0.00	0.50	117.00	718.00	96.00	0.00	7.50	924.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	30.25	5.00	7.50	0.75	477.75	288.00	148.75	0.75	15.25	974.00
	S.E.	3.62	1.23	2.26	0.75	90.90	82.28	36.90	0.75	5.65	50.24
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
20 APRIL 1974											
0	Inner										
	Mean	0.67	30.11	28.44	3.67	278.22	740.33	888.00	1.00	5.44	1975.78
	S.E.	0.47	7.89	13.28	1.64	95.61	125.17	113.97	0.58	1.71	236.00
	N	9	9	9	9	9	9	9	9	9	9
	Outer										
	Mean	49.10	29.70	76.50	6.70	294.10	730.60	928.90	0.60	23.50	2141.40
	S.E.	30.15	6.99	26.33	4.67	89.54	138.70	181.89	0.31	8.95	351.03
	N	10	10	10	10	10	10	10	10	10	10
1	Inner										
	Mean	0.00	19.33	74.33	4.33	284.00	836.67	986.33	0.00	10.00	2215.00
	S.E.	0.00	2.60	12.99	3.38	79.19	304.40	252.48	0.00	4.51	567.55
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	0.25	23.50	73.00	0.25	422.25	706.75	810.00	1.00	20.00	2056.75
	S.E.	0.25	4.67	61.70	0.25	181.24	103.89	114.94	1.00	9.96	311.50
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	0.00	21.50	208.00	3.00	495.50	528.50	763.50	2.00	44.00	2064.50
	S.E.	0.00	4.50	152.00	1.00	174.50	144.50	197.50	2.00	12.00	654.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	0.00	11.50	25.00	1.00	219.75	547.75	694.00	0.00	9.75	1508.75
	S.E.	0.00	5.38	16.75	1.00	87.35	122.93	204.39	0.00	4.59	397.50
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
11 JULY 1974											
0	Inner										
	Mean	23.64	14.36	14.00	14.91	282.55	422.36	946.27	2.36	34.45	1755.27
	S.E.	12.19	6.50	5.23	5.09	61.19	62.63	108.88	0.84	5.86	206.81
	N	11	11	11	11	11	11	11	11	11	11
	Outer										
	Mean	59.33	13.00	47.11	22.11	487.56	381.56	701.67	2.00	76.89	1791.33
	S.E.	39.65	5.31	17.91	6.38	124.52	88.97	168.34	0.76	25.94	334.89
	N	9	9	9	9	9	9	9	9	9	9
1	Inner										
	Mean	52.33	26.33	66.67	76.33	369.67	265.00	927.00	2.33	41.00	1827.00
	S.E.	52.33	12.44	34.46	8.17	167.07	163.61	432.30	0.33	8.72	835.29
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	109.00	106.25	48.75	16.50	301.50	159.75	424.25	2.25	56.00	1224.25
	S.E.	35.54	84.69	21.43	8.21	62.08	39.74	75.45	0.95	22.53	246.74
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	0.00	4.00	81.00	6.50	190.00	110.50	319.50	5.50	65.50	781.50
	S.E.	0.00	2.00	66.00	4.50	57.00	43.50	29.50	1.50	7.50	192.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	49.50	30.25	49.00	33.75	290.75	205.75	299.00	2.25	40.25	1001.00
	S.E.	11.53	7.86	23.53	14.81	56.84	56.18	84.49	0.95	15.70	200.33
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
9 OCTOBER 1974											
0	Inner										
	Mean	692.67	6.42	74.33	3.75	316.75	308.08	379.00	0.75	97.83	1879.75
	S.E.	154.15	3.57	15.13	1.92	46.11	33.62	46.94	0.37	28.50	263.36
	N	12	12	12	12	12	12	12	12	12	12
	Outer										
	Mean	385.90	6.20	71.10	5.30	621.50	404.70	380.90	0.90	75.50	1952.10
	S.E.	125.13	4.79	32.18	4.55	309.04	91.64	88.17	0.69	23.61	354.54
	N	10	10	10	10	10	10	10	10	10	10
1	Inner										
	Mean	790.33	0.67	30.67	0.00	369.67	234.00	297.33	0.33	55.67	1778.33
	S.E.	414.78	0.66	4.24	0.00	187.30	57.04	92.14	0.33	18.47	763.63
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	544.50	1.50	121.00	0.00	356.75	204.75	216.50	0.00	28.75	1474.00
	S.E.	174.35	1.50	51.10	0.00	84.36	13.64	77.56	0.00	10.03	333.37
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	538.50	1.00	0.00	0.00	174.50	128.50	145.50	0.00	25.50	1014.50
	S.E.	70.50	1.00	0.00	0.00	13.50	3.50	49.50	0.00	8.50	117.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	523.00	14.50	42.50	0.00	257.75	131.75	134.75	0.50	27.50	1132.50
	S.E.	205.89	14.50	9.12	0.00	16.62	39.97	43.93	0.50	8.59	220.66
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
17 APRIL 1975											
0	Inner										
	Mean	114.08	10.14	53.75	0.33	525.58	1747.25	1073.08	0.31	29.92	3554.08
	S.E.	47.69	3.23	14.81	0.19	103.60	226.40	135.38	0.31	12.19	446.11
	N	12	12	12	12	12	12	12	12	12	12
	Outer										
	Mean	110.30	6.07	21.13	0.47	389.70	1756.80	1074.90	0.00	13.30	3372.70
	S.E.	98.88	2.21	6.69	0.37	127.31	452.82	250.61	0.00	7.50	888.84
	N	10	10	10	10	10	10	10	10	10	10
1	Inner										
	Mean	37.00	25.00	137.67	9.33	964.67	2096.67	1260.67	0.00	24.33	4555.33
	S.E.	37.00	14.80	86.57	2.33	460.65	729.55	433.05	0.00	20.93	1711.42
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	8.25	12.75	47.00	0.00	584.25	1319.25	1131.25	0.00	35.00	3137.50
	S.E.	8.25	8.25	16.22	0.00	194.08	258.93	226.87	0.00	32.71	488.33
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	202.50	11.00	26.50	2.00	403.50	2308.00	939.50	0.00	133.50	4026.50
	S.E.	202.50	4.00	26.50	2.00	38.50	725.00	261.50	0.00	131.50	1334.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	7.50	3.25	9.75	4.00	415.25	1041.00	750.25	0.00	13.75	2245.75
	S.E.	7.50	1.50	3.55	0.00	94.40	147.01	316.85	0.00	7.11	428.62
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued.

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
17 JULY 1975											
0	Inner										
	Mean	15.25	147.17	301.83	0.25	379.75	34.00	69.08	0.17	13.25	960.75
	S.E.	6.30	40.16	39.76	0.25	118.15	5.10	16.18	0.11	4.21	145.61
	N	12	12	12	12	12	12	12	12	12	12
	Outer										
	Mean	22.78	173.89	366.00	0.11	302.89	47.78	82.33	0.11	26.11	1022.00
	S.E.	9.59	33.52	48.11	0.11	68.68	13.03	25.86	0.11	8.29	141.90
	N	9	9	9	9	9	9	9	9	9	9
1	Inner										
	Mean	38.33	46.33	215.33	0.00	129.00	25.33	79.33	0.00	3.67	537.33
	S.E.	31.42	16.33	43.03	0.00	29.81	7.06	49.36	0.00	2.19	93.03
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	13.25	245.00	317.50	0.00	224.75	70.75	54.75	0.75	14.50	941.25
	S.E.	7.23	41.67	72.51	0.00	49.61	33.75	25.66	0.48	7.08	116.53
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	13.50	70.50	218.50	0.00	151.50	26.50	48.50	0.00	12.50	541.50
	S.E.	4.50	20.50	16.50	0.00	26.50	12.50	13.50	0.00	1.50	35.50
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	24.00	120.50	231.25	0.00	192.25	64.00	15.50	0.25	5.50	653.25
	S.E.	8.30	70.44	80.70	0.00	104.62	18.39	7.72	0.25	2.02	206.91
	N	4	4	4	4	4	4	4	4	4	4

Table 7 continued

Zone	Inner, outer	Coccoid B-G	Filam. B-G	Coccoid greens	Filam. greens	Flagel-lates	Centric diatoms	Pennate diatoms	Desmids	Other algae	Total
17 OCTOBER 1975											
0	Inner										
	Mean	730.58	73.67	67.08	1.00	472.67	137.42	612.83	0.58	28.83	2124.67
	S.E.	173.83	27.64	7.22	0.54	34.18	10.14	70.50	0.19	4.27	205.17
	N	12	12	12	12	12	12	12	12	12	12
	Outer										
	Mean	728.50	28.30	120.50	6.50	457.20	197.50	666.00	0.40	50.60	2255.70
	S.E.	153.26	5.69	21.40	4.65	42.71	26.28	119.17	0.22	13.92	214.19
	N	10	10	10	10	10	10	10	10	10	10
1	Inner										
	Mean	536.33	46.33	52.33	0.00	537.33	104.67	232.33	0.33	26.33	1536.00
	S.E.	41.68	20.28	18.27	0.00	114.40	24.28	59.01	0.33	7.42	273.94
	N	3	3	3	3	3	3	3	3	3	3
	Outer										
	Mean	908.50	156.25	83.00	2.50	823.50	156.50	381.50	1.25	57.00	2570.00
	S.E.	292.49	52.18	13.18	1.19	153.96	25.63	71.18	0.95	14.36	526.09
	N	4	4	4	4	4	4	4	4	4	4
2	Inner										
	Mean	1399.50	169.00	56.00	3.50	811.50	153.00	324.00	0.50	34.00	2951.00
	S.E.	194.50	21.00	11.00	0.50	65.50	1.00	41.00	0.50	15.00	144.00
	N	2	2	2	2	2	2	2	2	2	2
	Outer										
	Mean	766.50	36.00	78.75	0.00	564.75	82.00	159.50	0.00	21.50	1719.00
	S.E.	108.21	18.59	17.11	0.00	148.47	14.53	21.70	0.00	6.84	310.90
	N	4	4	4	4	4	4	4	4	4	4

Table 8. Means, standard errors, and numbers of observations of in-lake phytoplankton diversity indices by seasons, depth zones, and inner or outer station-groups in Cook Plant seasonal surveys during preoperational 1971 through 1974, and operational 1975. The diversity index used is that of Wilhm and Dorris (1968) based on $\log_2$. Standard errors are computed only when N = 2 or more.

1971	15 April	9 July	8 November
Zone 0, Inner			
Mean	3.08	3.63	3.78
S. E.	0.08	0.08	0.04
N	10	10	6
Outer			
Mean	3.09	3.41	3.75
S. E.	0.05	0.24	0.08
N	8	10	6
Zone 1, Inner			
Mean	3.19	2.87	3.53
S. E.	0.03	0.84	0.15
N	3	3	2
Outer			
Mean	3.33	3.25	3.49
S. E.	0.03	0.53	0.13
N	3	4	2
Zone 2, Inner			
Mean	3.39	2.51	3.61
S. E.	0.44	0.62	0.09
N	2	2	2
Outer			
Mean	3.24	3.65	3.32
S. E.	0.06	0.18	--
N	4	4	1

1972	12 April	16 July	15 October
Zone 0, Inner			
Mean	3.32	3.30	2.87
S. E.	0.10	0.12	0.13
N	7	8	8
Outer			
Mean	3.50	2.95	2.86
S. E.	0.21	0.17	0.10
N	4	9	10

Table 8 continued.

1972 cont.

	12 April	16 July	15 October
Zone 1, Inner			
Mean	3.34	3.22	3.08
S. E.	--	0.16	0.05
N	1	3	3
Outer			
Mean	3.75	3.03	3.01
S. E.	0.06	0.14	0.08
N	2	4	4
Zone 2, Inner			
Mean	3.14	3.25	3.00
S. E.	0.01	0.07	0.10
N	2	2	2
Outer			
Mean	3.43	2.80	2.88
S. E.	0.07	0.29	0.21
N	2	4	4

1973

	25 April	19 July	23 October
Zone 0, Inner			
Mean	3.73	3.53	3.13
S. E.	0.13	0.11	0.21
N	8	7	7
Outer			
Mean	3.61	3.41	3.11
S. E.	0.11	0.12	0.13
N	8	9	7
Zone 1, Inner			
Mean	3.57	3.45	3.11
S. E.	0.21	0.12	0.16
N	3	3	3
Outer			
Mean	3.61	3.00	2.96
S. E.	0.17	0.12	0.14
N	4	4	4
Zone 2, Inner			
Mean	3.52	2.63	3.45
S. E.	0.23	0.43	0.53
N	2	2	2
Outer			
Mean	3.63	2.70	3.37
S. E.	0.12	0.23	0.33
N	3	4	3

Table 8 continued.

1974

	20 April	11 July	9 October
Zone 0, Inner			
Mean	3.84	3.96	4.06
S. E.	0.07	0.08	0.12
N	9	11	12
Outer			
Mean	4.00	3.96	3.85
S. E.	0.09	0.13	0.25
N	10	9	10
Zone 1, Inner			
Mean	4.06	3.45	3.84
S. E.	0.06	0.32	0.25
N	3	3	3
Outer			
Mean	3.89	3.56	3.57
S. E.	0.08	0.03	0.24
N	4	4	4
Zone 2, Inner			
Mean	4.02	3.58	3.26
S. E.	0.15	0.28	0.00
N	2	2	2
Outer			
Mean	3.91	3.57	3.50
S. E.	0.07	0.14	0.32
N	4	4	4

1975

	17 April	17 July	17 October
Zone 0, Inner			
Mean	4.17	3.16	4.17
S. E.	0.03	0.14	0.12
N	12	12	12
Outer			
Mean	4.03	3.38	4.30
S. E.	0.07	0.16	0.14
N	10	9	10
Zone 1, Inner			
Mean	4.11	3.17	3.82
S. E.	0.04	0.18	0.30
N	3	3	3
Outer			
Mean	3.91	3.17	3.87
S. E.	0.11	0.09	0.17
N	4	4	4

Table 8 continued.

1975 cont.

	17 April	17 July	17 October
Zone 2, Inner			
Mean	4.37	3.34	3.71
S. E.	0.01	0.18	0.23
N	2	2	2
Outer			
Mean	4.05	3.00	3.37
S. E.	0.08	0.16	0.14
N	4	4	4

Table 9. Means, standard errors, and numbers of cases of in-lake numbers of phytoplankton forms by seasons, depth zones, and inner or outer station-groups in Cook Plant seasonal surveys during preoperational 1971 through 1974, and operational 1975. Standard errors are computed only when N = 2 or more.

1971

	15 April	9 July	8 November
Zone 0, Inner			
Mean	19.20	32.10	32.83
S. E.	1.51	1.26	2.37
N	10	10	10
Outer			
Mean	18.75	38.30	29.00
S. E.	1.15	2.08	2.02
N	8	8	8
Zone 1, Inner			
Mean	20.67	37.33	24.50
S. E.	2.03	0.66	2.50
N	3	3	3
Outer			
Mean	21.33	34.25	30.50
S. E.	1.45	4.41	4.50
Zone 2, Inner			
Mean	25.50	35.00	32.50
S. E.	7.50	9.00	3.50
N	2	2	2
Outer			
Mean	22.00	33.75	31.00
S. E.	1.42	1.55	---
N	4	4	1

1972

	12 April	16 July	15 October
Zone 0, Inner			
Mean	33.57	25.38	46.13
S. E.	3.21	2.40	2.81
N	7	8	8
Outer			
Mean	38.75	22.56	50.60
S. E.	5.20	3.89	4.82
N	4	9	10

Table 9 continued.

1972 cont.

	12 April	16 July	15 October
Zone 1, Inner			
Mean	38.00	28.00	48.67
S. E.	---	3.60	6.69
N	1	3	3
Outer			
Mean	41.50	20.75	57.75
S. E.	1.50	4.31	5.85
N	2	4	4
Zone 2, Inner			
Mean	41.00	23.00	44.00
S. E.	2.00	3.00	3.00
N	2	2	2
Outer			
Mean	37.50	16.25	36.00
S. E.	6.50	1.65	2.16
N	2	4	4

1973

	25 April	19 July	23 October
Zone 0, Inner			
Mean	40.63	49.43	52.71
S. E.	2.32	4.72	3.45
N	8	7	7
Outer			
Mean	38.00	48.22	45.71
S. E.	2.20	5.04	2.59
N	8	9	7
Zone 1, Inner			
Mean	48.33	52.00	49.33
S. E.	3.18	5.03	0.88
N	3	3	3
Outer			
Mean	46.00	38.25	49.00
S. E.	5.53	10.61	7.01
N	4	4	4
Zone 2, Inner			
Mean	43.50	23.00	52.00
S. E.	9.50	1.00	5.00
N	2	2	2
Outer			
Mean	47.00	22.00	40.67
S. E.	5.86	1.36	3.85
N	3	4	3

Table 9 continued.

1974

		20 April	11 July	9 October
Zone 0,	Inner			
	Mean	42.56	47.09	64.92
	S. E.	1.92	2.81	3.16
	N	9	11	12
	Outer			
	Mean	50.10	52.00	58.40
	S. E.	3.44	3.73	4.52
	N	10	9	10
Zone 1,	Inner			
	Mean	46.67	43.67	56.67
	S. E.	1.85	7.12	3.38
	N	3	3	3
	Outer			
	Mean	48.25	44.00	53.25
	S. E.	2.06	2.12	4.54
	N	4	4	4
Zone 2,	Inner			
	Mean	45.50	39.50	50.50
	S. E.	3.50	1.50	0.50
	N	2	2	2
	Outer			
	Mean	39.50	36.75	46.75
	S. E.	1.90	3.12	3.43
	N	4	4	4

1975

		17 April	17 July	17 October
Zone 0,	Inner			
	Mean	47.33	43.83	84.00
	S. E.	2.11	5.67	3.23
	N	12	12	12
	Outer			
	Mean	40.10	46.11	92.20
	S. E.	2.33	4.90	4.69
	N	10	9	10
Zone 1,	Inner			
	Mean	44.33	29.33	73.33
	S. E.	2.33	2.67	8.67
	N	3	3	3
	Outer			
	Mean	40.50	28.00	70.75
	S. E.	3.53	1.29	8.98
	N	4	4	4

Table 9 continued.

1975 cont.

	17 April	17 July	17 October
Zone 2, Inner			
Mean	53.50	43.00	80.50
S. E.	3.50	3.00	8.50
N	2	2	2
Outer			
Mean	43.50	28.50	49.50
S. E.	3.12	1.56	5.08
N	4	4	4

APPENDIX A. PHYSICAL MEASUREMENTS

20 April 1974

Station	DC-1	DC-2	DC-3	DC-4	DC-5	DC-6	NDC-.5-2	NDC-1-1
Time, EST	1026	1040	1053	1107	1633	1600	1011	0942
Wind Direction	SE	SE	SE	SE	SE	SE	SE	SE
Wind Speed, knts	24	17	12	12	12	9	17	16
Sea Height, ft	1	1	1	1	1	0.5	1	0.5
Weather	Clear	Clear Sunny	Clear Sunny	Clear Sunny	Clear Sunny	Clear Sunny	Clear Sunny	Clear Sunny
Secchi Disc, m	1.3	1.5	1.6	1.8	3.0	4.1	1.5	1.2
Water Color	Slightly milky grey-green	Milky grey-green	Slightly milky grey-green	Grey-green	Dark grey-green	Dark green	Slightly milky grey-green	Milky grey-green
Surface Water Temperature, °C	7.4	7.6	7.2	6.2	5.1	3.4	7.5	7.2
Water Depth, m	8.5	15	18	21	24.5	39	9	5
Bottom Type	Bottom types were not taken during this survey.							

Station	NDC-1-2	NDC-2-1	NDC-2-3	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1	NDC-7-3
Time, EST	0956	0930	0904	0803	0835	1710	1844	1827
Wind Direction	SE	SE	SE	SE	SE	SE	SE	SE
Wind Speed, knts	12	12	15	20	16	10	11	14
Sea Height, ft	1	0.5	0.75	0.75	1	0.5	1	1
Weather	Clear Sunny	Clear Sunny Cool	Clear	Clear	Clear Sunny Cool	Sunny Hazy	Sunny	
Secchi Disc, m	1.7	1.3	1.8	1.3	2.0	4.1	1.8	1.9
Water Color	Milky grey-green	Slightly milky light grey-green	Slightly milky grey-green	Slightly milky grey-green	Grey-green	Dark green	Grey-green	Grey-green
Surface Water Temperature, °C	7.3	7.0	6.8	7.0	6.3	3.4	8.0	7.8
Water Depth, m	13	4.5	18	7	18	41.5	7	15
Bottom Type	Bottom types were not taken during this survey.							

Appendix A. 20 April 1974 continued.

Station	NDC-7-5	SDC-.5-2	SDC-1-1	SDC-1-2	SDC-2-1	SDC-2-3	SDC-4-1	SDC-4-3
Time, EST	1751	1129	1140	1154	1302	1241	1325	1344
Wind Direction	SE	SE	SE	SE	S	SSE	S	S
Wind Speed, knts	14	20	17	16	11	16	14	14
Sea Height, ft	0.5	0.5	0.5	0.5	0.5	1	0.5	1
Weather	Sunny Hazy	Clear Sunny	Clear Sunny	Clear Sunny	Clear Sunny	Clear Sunny Warm	Clear Sunny Warm	Clear Sunny Warm
Secchi Disc, m	2.3	1.5		1.6	1.2	1.7	1.1	2.0
Water Color	Grey-green	Slightly milky grey-green	Slightly milky grey-green	Grey-green	Milky grey-green	Grey-green	Slightly milky grey-green	Grey-green
Surface Water Temperature, °C	5.3	7.7	7.7	7.7	8.0	7.8	7.8	6.6
Water Depth, m	23.5	10	8	15	6	19	4.5	20
Bottom Type	Bottom types were not taken during this survey.							

Station	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1528	1415	1423	1453
Wind Direction	SSE	S	SSE	SSE
Wind Speed, knts	11	11	11	11
Sea Height, ft	0.5	0.5	1	1
Weather	Clear Sunny	Clear Sunny Warm	Clear Sunny Warm	Clear Sunny Warm
Secchi Disc, m	4.0	1.3	1.8	2.2
Water Color	Dark green	Milky grey-green	Grey-green	Dark grey-green
Surface Water Temperature, °C	3.7	7.6	7.3	5.4
Water Depth, m	34	5	16	23
Bottom Type	Bottom types were not taken during this survey.			

Appendix A. 11 July 1974

Station	DC-1	DC-2	DC-3	DC-4	DC-5	DC-6	NDC-.5-1	NDC-.5-2
Time, EST	0959	1009	1026	1044	1644	1603	9045	0933
Wind Direction	E		E		N	N	E	E
Wind Speed, knts	9	Calm	7	Calm	12	14	12	10
Sea Height, ft	0.5	0.5	0.5	Calm	2	2	0.5	0.5
Weather	Sunny	Sunny Cool	Sunny	Sunny	Partly cloudy Cool	Sunny Cool	Partly cloudy Cool	Partly cloudy Cool
Secchi Disc, m	1.4	2.0	2.7	3.5	3.1	4.0	1.4	1.5
Water Color	Slightly milky light green	Green	Green	Green	Green	Dark grey-green	Light green	Light green
Surface Water Temperature, °C	12.2	15.0	16.6	18.0	20.3	21.2	13.0	13.0
Water Depth, m	6.4	12.8	17.4	21.0	24.7	42.1	6.4	9.1
Bottom Type*	Fine to medium sand	Fine sand	Very fine sand	Silty fine sand			Medium to coarse sand	

* Collected 12 July 1974

Station	NDC-1-1	NDC-1-2	NDC-2-1	NDC-2-3	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1
Time, EST	0904	0916	0846	0828	0741	0804	1728	1918
Wind Direction	E	E	E	E	E	E	NNE	E
Wind Speed, knts	12	12	10	14	16	17	13	2
Sea Height, ft	0.5	0.5	0.5	1	0.5	1	1.5	Calm
Weather	Partly cloudy Cool	Partly cloudy Cool	Partly cloudy	Clear Cool	Partly cloudy Cool	Partly cloudy Cool	Partly cloudy Cool	Partly cloudy
Secchi Disc, m	1.4	2.0	1.5	2.5	1.7	2.8	7.5	1.9
Water Color	Slightly milky light green	Light green	Slightly milky grey-green	Slightly milky green	Grey-green	Grey-green	Dark green	Grey-green
Surface Water Temperature, °C	12.8	14.5	12.5	15.9	13.0	17.3	20.7	17.8
Water Depth, m	5.5	13.7	6.4	16.5	6.4	17.4	44.8	6.4
Bottom Type*	Medium and coarse sand	Silty fine sand		Silty fine sand	Fine to coarse sand	Clean fine to medium sand		Slightly silty fine to coarse sand

* Collected 12 July 1974

Appendix A. 11 July 1974 continued.

Station	NDC-7-3	NDC-7-5	SDC-.5-1	SDC-.5-2	SDC-1-1	SDC-1-2	SDC-2-1	SDC-2-3
Time, EST	1900	1828	1151	1139	1202	1216	1252	1234
Wind Direction	E	NNE	N	N	N	NW	NNW	NW
Wind Speed, knts	8	11	6	9	8	8.5	8	9
Sea Height, ft	1	1.5	Calm	0.5	0.5	0.5	0.5	0.5
Weather	Partly cloudy	Partly cloudy Cool	Sunny Cool	Sunny Cool	Sunny Cool	Sunny Cool	Sunny Cool	Sunny Cool
Secchi Disc, m	3.3	6.5	2.0	2.9	2.2	3.3	3.2	3.5
Water Color	Grey-green	Dark green	Grey-green	Grey-green	Grey-green	Dark green	Grey-green	Dark green
Surface Water Temperature, ^{o}C	19.0	19.6	13.2	16.2	13.5	17.3	16.8	18.3
Water Depth, m	14.6	23.8	7.3	9.1	7.3	12.8	5.5	16.5
Bottom Type*	Silty very fine sand	Very fine silty sand	Fine sand		Fine sand	Silty fine sand	Fine to coarse sand	Slightly silty fine sand

* Collected 12 July 1974

Station	SDC-4-1	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1311	1331	1520	1358	1412	1441
Wind Direction	NNW	NNW	N	N	N	N
Wind Speed, knts	8	11	14	11	10	10
Sea Height, ft	0.5	1	2	1	1.5	1.5
Weather	Sunny	Sunny	Sunny Cool	Sunny	Sunny	Sunny Cool
Secchi Disc, m	3.6	4.1	6.0	3.7	4.5	4.8
Water Color	Grey-green	Grey-green	Grey-green	Grey-green	Grey-green	Grey-green
Surface Water Temperature, ^{o}C	17.0	19.2	20.5	17.0	18.8	19.8
Water Depth, m	5.5	19.2	33.8	6.4	16.5	21.9
Bottom Type*	Medium sand	Silty fine sand		Fine to coarse sand	Silty fine sand	Black silt and very fine sand

* Collected 12 July 1974.

Appendix A. 9 October 1974

Station	DC-1	DC-2	DC-3	DC-4	DC-5	DC-6	NDC-.5-1	NDC-.5-2
Time, EST	1124	1139	1157	1219	1838	1802	1113	1057
Wind Direction	NNE	N	N	N	NNW	NNW	NNE	NNE
Wind Speed, knts	16	16	16	17	14	14	16	18
Sea Height, ft	4	4	4.5	5	4	4	4	4
Weather	Partly cloudy Hazy	Partly cloudy Hazy	Partly cloudy Hazy	Partly cloudy Hazy	Partly cloudy Almost dark	Overcast	Partly cloudy Hazy	Fair Hazy
Secchi Disc, m	1.5	2.0	2.0	2.0		3.5	1.5	1.5
Water Color	Olive green	Cloudy olive green	Cloudy dark green	Cloudy dark green		Clear dark blue-green	Brownish olive green	Olive green
Surface Water Temperature, °C	13.0	13.5	14.0	13.9	14.0	13.5	13.2	13.3
Water Depth, m	5.5	12.8	16.5	20.1	23.8	40.2	5.5	8.2
Bottom Type	Sediment types were not taken during this survey.							

Station	NDC-1-1	NDC-1-2	NDC-2-1	NDC-2-3	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1
Time, EST	1025	1040	1010	0950	0858	0924	1927	2109
Wind Direction	NNE	NNE	NNE	NE	N	NE	NNW	NW
Wind Speed, knts	20	18	15	11	10	16	8	7
Sea Height, ft	4	4	4	4	4	4	4	3
Weather	Partly cloudy Hazy	Partly cloudy Hazy	Partly cloudy Hazy	Fair Hazy	Partly cloudy	Fair Hazy	Fair	Overcast
Secchi Disc, m	1.5	2.0	1.5	2.0	1.5	2.0		
Water Color	Cloudy olive green	Cloudy olive green	Brownish green	Cloudy olive green	Cloudy brownish green	Olive green		
Surface Water Temperature, °C	13.2	14.0	13.3	14.0	13.5	14.1	13.9	13.5
Water Depth, m	5.5	12.8	5.5	16.5	5.5	18.3	42.1	6.9
Bottom Type	Sediment types were not taken during this survey.							

Appendix A. 9 October 1974 continued.

Station	NDC-7-3	NDC-7-5	SDC-.5-1	SDC-.5-2	SDC-1-1	SDC-1-2	SDC-2-1	SDC-2-3
Time, EST	2050	2017	1301	1245	1355	1409	1447	1428
Wind Direction	NW	NW	N	N	N	N	N	N
Wind Speed, knts	11	9	18	17	16	18	14	14
Sea Height, ft	3	3-4	5	5	5	5	4	4
Weather	Overcast	Fair	Partly cloudy Hazy	Partly cloudy Hazy	Partly cloudy Hazy	Partly cloudy Hazy	Partly cloudy Hazy	Partly cloudy Hazy
Secchi Disc, m			1.5	1.5	1.5	2.0	2.0	2.0
Water Color			Cloudy dark green	Cloudy olive green	Cloudy olive green	Cloudy olive green	Olive green	Olive green
Surface Water Temperature, °C	14.0	14.3	13.8	14.0	13.5	14.0	13.8	14.0
Water Depth, m	14.6	23.8	7.3	9.1	7.3	12.8	5.5	14.6
Bottom Type	Sediment types were not taken during this survey.							

Station	SDC-4-1	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1506	1529	1723	1559	1615	1641
Wind Direction	N	N	NNW	NNW	NNW	NNW
Wind Speed, knts	14	14	13	15	14	11
Sea Height, ft	4	4	4	3-4	3-4	3-4
Weather	Partly cloudy Hazy	Partly cloudy Hazy	Overcast	Partly cloudy Hazy	Partly cloudy	Overcast
Secchi Disc, m	1.5	3.5	3.5	1.5	2.5	3.0
Water Color	Yellowish olive green	Clear dark blue-green	Clear dark green	Very dark (black) green	Very dark (black) green	Very deep dark green
Surface Water Temperature, °C	13.5	13.8	13.5	13.8	14.0	13.6
Water Depth, m	5.5	18.3	35.7	7.3	15.5	21.9
Bottom Type	Sediment types were not taken during this survey.					

Appendix A. 17 April 1975

Station	DC-0	DC-1	DC-2	DC-3	DC-4	DC-5	DC-6	NDC-.5-0
Time, EST	NO PHYSICAL DATA TAKEN	1120	1133	1201	1210	1813	1740	1125
Wind Direction		SE	SE	SE	SE	SE	SE	
Wind Speed, knts		19	23	19	23	16	13	
Sea Height, ft		0.25		1	1-2	1	2	
Weather		Overcast Cold	Overcast Cold	Overcast Cold	Partly cloudy Cool	Overcast Cold	Overcast Cold	
Secchi Disc, m		2.0	2.0	2.0	2.0	2.3	2.2	
Water Color		Slightly milky brown-green	Slightly milky brown-green	Slightly milky brown-green	Slightly milky brown-green	Milky light green	Milky light green	
Surface Water Temperature, °C		4.3	3.5	3.5	3.4	3.1	2.9	
Water Depth, m		8.2	12.8	18.3	21.0	25.6	40.2	
Bottom Type	Sediment types were not taken during this survey.							

Station	NDC-.5-1	NDC-.5-2	NDC-1-0	NDC-1-1	NDC-1-2	NDC-2-0	NDC-2-1	NDC-2-3
Time, EST	1106	1049	1120	1016	1034	1105	0952	0935
Wind Direction	SE	SE		SE	SE		SE	SE
Wind Speed, knts	12	18		11	15		8	12
Sea Height, ft	0.5	0.5		0.25	0.5		0.5	0.5
Weather	Overcast Cold	Overcast Cold		Overcast Cold	Overcast Cold		Overcast Cold	Overcast Cold
Secchi Disc, m	2.0	2.1		2.0	1.9		2.1	2.6
Water Color	Slightly milky brown-green	Slightly milky bronw-green		Slightly milky brown-green	Slightly milky brown-green		Slightlv milky brown-green	Very slightly milky brown-green
Surface Water Temperature, °C	5.6	5.1		4.8	3.8		3.8	3.8
Water Depth, m	6.4	9.1		6.4	12.8	1.2	5.5	17.4
Bottom Type	Bottom types were not taken during this survey.							

Appendix A. 17 April 1975 continued.

Station	NDC-4-0	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1	NDC-7-3	NDC-7-5	SDC-.5-0
Time, EST	1045	0820	0903	1901	2033	2014	1943	1225
Wind Direction	SE	SE	SE	SE	SE	SE	SE	
Wind Speed, knts	19	5	18	16	12	17	16	
Sea Height, Ft		0.5	0.5	1		1	1	
Weather	Overcast	Overcast Cold	Overcast Cold	Overcast COld	Clear Cool	Partly cloudy Cold	Overcast Cold	Partly cloudy
Secchi Disc, m		2.2	2.6	3.1				
Water Color	Milky brown-green	Seightly milky green-brown	SLightly milky brown-green	Slightly milky light green				Milky brown
Surface Water Temperature, ^{o}C		4.3	3.0	2.9	4.9	3.4	3.0	
Water Depth, m	1.2	7.3	18.3	42.1	7.3	15.5	23.8	
Bottom Type	Bottom types were not taken during this survey.							

Station	SDC-.5-1	SDC-.5-2	SDC-1-0	SDC-1-1	SDC-1-2	SDC-2-0	SDC-2-1	SDC-2-3
Time, EST	1300	1231	1215	1329	1341		1417	1358
Wind Direction		SE			SE	SE	SE	SE
Wind Speed, knts		19			21		29	25
Sea Height, ft		0.5			0.5		1.5	1
Weather		Partly cloudy Cool		Overcast Cool	Overcast Cool	Light overcast	Partly cloudy Cool	Partly cloudy Cool
Secchi Disc, m	2.3	2.0		2.2 ,	2.2		2.0	2.0
Water Color	Slightly milky brown-green	SLightly milky brown - green		Slightly milky brown-green	Slightly milky brown - green		Slightly milky brown-green	Slightly milky brown - green
Surfact Water Temperature, ^{o}C	4.0	3.5		4.7	3.8		3.9	3.8
Water Depth, m	6.4	9.1		8.2	12.8		9.1	16.5
Bottom Type	Bottom types were not taken during this survey.							

Appendix A. 17 April 1975 continued.

Station	SDC-4-0	SDC-4-1	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1155	1442	1501	1656	1534	1551	1618
Wind Direction	SE	SE	SE	SE	SE	SE	SE
Wind Speed, knts	19	34	21	16	12	16	18
Sea Height, ft		1.5	2	2	0.25	0.5	1
Weather	Overcast	Partly cloudy Cool	Overcast Cool	Partly Cloudy Cool	Partly Cloudy Cool	Partly Cloudy Cool	Partly Cloudy Cool
Secchi Disc, m		1.8	2.0	2.2	2.0	2.0	2.2
Water Color	Milky brown	Slightly milky brown-green	milky brown green	Milky light green	Very slightly milky brown-green	Very slightly milky brown-green	Slightly milky brown-green
Surface Water Temperature, °C		6.0	3.3	2.9	4.1	3.8	3.1
Water Depth, m	1.2	5.5	18.3	34.7	5.5	16.5	21.9
Bottom Type	Bottom types were not taken during this survey.						

Appendix A. 17 July 1975

Station	DC-1	DC-2	DC-3	DC-4	DC-5	DC-6	NDC-.5-1	NDC-.5-2
Time, EST	1049	1104	1122	1142	1715	1646	1033	1019
Wind Direction	S						S	S
Wind Speed, knts	2	Calm	Calm		Calm	Calm	2	2
Sea Height, ft	Calm	Calm	Calm	Calm	Calm	Calm	Calm	0.5
Weather	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy
Secchi Disc, m	5.5	5.9	6.4	7.1	7.9	9.4	4.1	5.0
Water Color	Green	Green	Blueish-green	Blueish-green	Blue-green	Blue-green	Green	Green
Surface Water Temperature, ^{o}C	23.3	22.5	23.0	23.0	23.4	22.4	23.0	23.5
Water Depth, m	6.4	12.8	18.3	21.0	25.6	42.1	6.4	9.1
Bottom Type	Sediment types were not taken during this survey.							

Station	NDC-1-1	NDC-1-2	NDC-2-1	NDC-2-3	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1
Time, EST	0950	1003	0934	0919	0821	0850	1753	1927
Wind Direction	S	S	S	S	S	S		
Wind Speed, knts	6	5	6	3	7	8	Calm	Calm
Sea Height, ft	0.5	0.5	0.5	0.5	0.5	0.5	Calm	Calm
Weather	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy
Secchi Disc, m	5.0	5.9	5.9	6.9	5.9	8.0	9.7	5.9
Water Color	Green	Green	Green	Green	Green	Green	Blue-green	Green
Surface Water Temperature, ^{o}C	22.3	23.4	22.9	22.3	22.2	20.9	24.3	24.0
Water Depth, m	6.4	12.8	7.3	15.5	7.3	18.3	44.8	8.2
Bottom Type	Sediment types were not taken during this survey.							

Appendix A. 17 July 1975 continued.

Station	NDC-7-3	NDC-7-5	SDC-.5-1	SDC-.5-2	SDC-1-1	SDC-1-2	SDC-2-1	SDC-2-3
Time, EST	1912	1845	1246	1209	1300	1314	1347	1330
Wind Direction		S	S		S	S	S	S
Wind Speed, knts	Calm	3	2		11	6	2	2
Sea Height, ft	Calm	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Weather	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy	Hazy
Secchi Disc, m	8.4	8.6	4.5	5.6	4.3	4.9	4.6	5.3
Water Color	Green	Blue-green	Green	Green	Green	Green	Green	Green
Surface Water Temperature, °C	22.4	23.0	23.5	23.0	23.4	22.4	23.8	22.0
Water Depth, m	14.6	25.6	6.4	10.1	7.3	14.6	6.4	16.5
Bottom Type	Sediment types were not taken during this survey.							

Station	SDC-4-1	SDC-4-3	SDC-4-4	SDC-7-1	SDC-7-3	SDC-7-5
Time, EST	1406	1426	1612	1455	1510	1536
Wind Direction	S	S		S	S	
Wind Speed, knts	2	3	Calm	3	2	
Sea Height, ft	0.5	Calm	Calm	Calm	Calm	
Weather		Hazy	Hazy	Hazy	Hazy	Hazy
Secchi Disc, m	4.4	6.1	10.1	4.9	6.3	9.3
Water Color	Green	Blueish-green	Blue-green	Green	Green	Blueish green
Surface Water Temperature, °C	23.0	23.3	25.0 (?)	22.8	21.9	21.6
Water Depth, m	5.5	18.3	34.7	6.4	15.5	21.9
Bottom Type	Sediment types were not taken during this survey.					

Appendix A. 17 October 1975

Station	DC-1	DC-2	DC-3	DC-4	DC-5	DC-6	NDC-.5-1	NDC-.5-2
Time, EST	0930	0942	0956	1015	1525	NO$_T$	0916	0903
Wind Direction	NE	ENE	ENE	NNE	NE	TAKE$_N$	NE	NE
Wind Speed, knts	12	18	20	22	24		20	12
Sea Height, ft	2.5	3	3	3.5	4.5		2.5	3
Weather	Fair	Overcast	Overcast	Overcast	Overcast	TO$_O$	Fair	Fair
Secchi Disc, m	2.4	3.0	4.5	4.6	4.5		2.4	2.8
Water Color	Green	Green	Green	Green	Green	ROUG$_H$	Green	Green
Surface Water Temperature, °C	17.2	15.5	14.8	14.6	13.8		16.5	16.5
Water Depth, m	5.5	12.8	18.3	20.1	25.6		5.5	9.1
Bottom Type	Sediment types were not taken during this survey.							

Station	NDC-1-1	NDC-1-2	NDC-2-1	NDC-2-3	NDC-4-1	NDC-4-3	NDC-4-4	NDC-7-1
Time, EST	0835	0847	0823	0805	0715	0739	NO$_T$	1635
Wind Direction	NE	NE	ENE	NE	NE	NE		NE
Wind Speed, knts	10	20	12	16	12	20	TAKE$_N$	20
Sea Height, ft	2.5	2.5	2.5	2.5	2	3		3
Weather	Fair	Fair	Fair	Fair	Fair	Fair		Overcast
Secchi Disc, m	2.1	2.8	2.2	4.0	2.6	4.5	TO$_O$	1.5
Water Color	Green	Green		Blueish green	Green	Blueish green	ROUG$_H$	Murky brownish green
Surface Water Temperature, °C	14.6	14.7	14.0	14.3	14.4	14.3		14.0
Water Depth, m	6.4	15.5	5.5	16.5	7.3	18.3		9.1
Bottom Type	Sediment types were not taken during this survey.							

Appendix A. 17 October 1975 continued.

Station	NDC-7-3	NDC-7-5	SDC-.5-1	SDC-.5-2	SDC-1-1	SDC-1-2	SDC-2-1	SDC-2-3
Time, EST	1652	1718	1052	1040	1106	1124	1159	1140
Wind Direction		NE	NE	NE	NE	NE	NE	NE
Wind Speed, knts		28	16	15	14	20	16	16
Sea Height, ft		4.5	2.5	2.5	2.5	3	3	3.5
Weather		Partly cloudy	Overcast	Overcast	Overcast	Overcast	Overcast	Overcast
Secchi Disc, m	3.9	5.1	3.2	3.0	3.9	3.6	3.8	4.5
Water Color		Blueish green	Green	Green	Green	Green	Green	Green
Surface Water Temperature, °C	14.1	13.9	14.9	15.0	14.9	14.9	14.7	14.4
Water Depth, m	15.5	23.8	6.4	10.1	7.3	13.7	6.4	16.5
Bottom Type	Sediment types were not taken during this survey.							

Station	SDC-4-1	SDC-4-3	SDC-4-4	SDC-7-1	SDC7-3	SDC-7-5
Time, EST	1219	1239	N_{O_T}	1305	1347	1420
Wind Direction	NE	NE		NE	NE	NE
Wind Speed, knts	19	25	$T_{A_{K_{E_N}}}$	19	23	28
Sea Height, ft	3	4		3	4	4.5
Weather	Overcast	Overcast		Overcast	Overcast	Overcast
Secchi Disc, m	2.8	4.6	T_{O_O}	2.9	3.8	4.6
Water Color	Green	Green	$R_{O_{U_{G_H}}}$	Green	Green	Green
Surface Water Temperature, °C	14.5	14.3		14.4	14.6	14.0
Water Depth, m	6.4	18.3		8.2	15.5	22.0
Bottom Type	Sediment types were not taken during this survey.					

Appendix B

PHYTOPLANKTON COLLECTIONS, 1974 AND 1975

Identification of Plate Components

Top line (left to right): Station number, number of species or groups, and the diversity index of the collection.

Columns (left to right):

First . . . . . Names of species or groups collected.

Second . . . . . Numbers of individuals of each species or group, per milliliter. Total at the bottom.

Third . . . . . Percentages of the total individuals that are represented by the individuals of each species or group. These are the N_i/N factors used in the diversity index equation.

PHYTOPLANKTON COLLECTIONS, 20 APRIL 1974

DC-1 NO.OF FORMS = 37 DIVERSITY = 3.51
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANKISTRODESMUS GELIFACTUM	5.6	0.37
ANKISTRODESMUS SP. #1	1.9	0.12
ASTERIONELLA FORMOSA	159.5	10.57
CRYPTOMONAS SP.	9.3	0.61
CYCLOTELLA OCELLATA	3.7	0.25
DACTYLOCOCCOPSIS SP.	1.9	0.12
DIATOMA TENUE V. ELONGATUM	3.7	0.25
FLAGELIATES	309.8	20.52
FRAGILARIA CROTONENSIS	367.3	24.32
FRAGILARIA INTERMEDIA	11.1	0.74
GLEOCYSTIS SP.	96.5	6.39
GOMPHONEMA OLIVACEUM	1.9	0.12
MELOSIRA ISLANDICA	79.8	5.28
MELOSIRA ITALICA	26.0	1.72
NAVICULA TRIPUNCTATA	1.9	0.12
NITZSCHIA ACICULARIS	1.9	0.12
NITZSCHIA ACUTA	1.9	0.12
NITZSCHIA FONTICOLA	1.9	0.12
NITZSCHIA SP.	13.0	0.86
NITZSCHIA SP. #18	1.9	0.12
NITZSCHIA SP. #2	18.5	1.23
OOCYSTIS SP.	3.7	0.25
OSCILLATORIA SP.	33.4	2.21
RHIZOSOLENIA ERIENSIS	1.9	0.12
STEPHANODISCUS AIPINUS	5.6	0.37
STEPHANODISCUS BINDERANUS	183.6	12.16
STEPHANODISCUS MINUTUS	29.7	1.97
STEPHANODISCUS SP.	14.8	0.98
STEPHANODISCUS SUBTILIS	1.9	0.12
STEPHANODISCUS TENUIS	11.1	0.74
SURIRELLA ANGUSTA	1.9	0.12
SYNEDRA FILIFORMIS	11.1	0.74
SYNEDRA OSTENFELDII	9.3	0.61
SYNEDRA SP.	16.7	1.11
SYNEDRA TENERA	14.8	0.98
SYNEDRA ULNA V. CHASEANA	5.6	0.37
TABELLARIA FENESTRATA	46.4	3.07
TOTAL	1510.0	100.0

DC-2 NO.OF FORMS = 43 DIVERSITY = 4.04
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.9	0.17
ANKISTRODESMUS SP. #3	3.7	0.34
ASTERIONELLA FORMOSA	109.4	9.92
BLUE-GREEN UNKNOWN FILAMENT	1.9	0.17
CRYPTOMONAS SP.	9.3	0.84
CYCLOTELLA MICHIGANIANA	1.9	0.17
CYCLOTELLA OCELLATA	3.7	0.34
CYCLOTELLA SP.	9.3	0.84
CYCLOTELLA STELLIGERA	3.7	0.34
CYMATOPLEURA SOLEA V. APICULATA	1.9	0.17
DACTYLOCOCCOPSIS SP.	1.9	0.17
DIATOMA TENUE V. ELONGATUM	55.6	5.04
DIPLONEIS PARMA	1.9	0.17
FLAGELIATES	244.9	22.18
FRAGILARIA CROTONENSIS	165.1	14.96
FRAGILARIA INTERMEDIA	24.1	2.18
GLENODINIUM SP.	1.9	0.17
GLEOCYSTIS SP.	51.9	4.71
MELOSIRA ISLANDICA	48.2	4.37
NAVICULA DECUSSIS	1.9	0.17
NAVICULA TRIPUNCTATA	1.9	0.17
NITZSCHIA ACICULARIS	1.9	0.17
NITZSCHIA BACATA	13.0	1.18
NITZSCHIA SP.	5.6	0.50
NITZSCHIA SP. #2	14.8	1.34
OOCYSTIS SP.	5.6	0.50
OSCILLATORIA SP.	13.0	1.18
RHIZOSOLENIA GRACILIS	1.9	0.17
STEPHANODISCUS AIPINUS	11.1	1.01
STEPHANODISCUS BINDERANUS	61.2	5.55
STEPHANODISCUS HANTZSCHII	7.4	0.67
STEPHANODISCUS MINUTUS	31.5	2.86
STEPHANODISCUS SP.	37.1	3.36
STEPHANODISCUS TENUIS	33.4	3.03
STEPHANODISCUS TRANSILVANICUS	1.9	0.17
SURIRELLA OVATA	1.9	0.17
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.9	0.17
SYNEDRA FILIFORMIS	29.7	2.69
SYNEDRA OSTENFELDII	7.4	0.67
SYNEDRA SP.	11.1	1.01
SYNEDRA TENERA	7.4	0.67
SYNEDRA ULNA V. CHASEANA	1.9	0.17
TABELLARIA FENESTRATA	57.5	5.21
TOTAL	1103.7	100.1

DC-3 NO.OF FORMS = 40 DIVERSITY = 3.87
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. PEDICULUS	1.9	0.07
ANKISTRODESMUS SP. #3	3.7	0.14
ASTERIONELLA FORMOSA	259.7	9.55
COSMARIUM SP.	3.7	0.14
CRYPTOMONAS SP.	39.0	1.43
CYCLOTELLA MICHIGANIANA	3.7	0.14
CYCLOTELLA OCELLATA	13.0	0.48
CYCLOTELLA SP.	18.5	0.68
CYCLOTELLA STELLIGERA	5.6	0.20
DACTYLOCOCCOPSIS SP.	16.7	0.61
DIATOMA TENUE V. ELONGATUM	61.2	2.25
FLAGELLATES	630.7	23.19
FRAGILARIA CAPUCINA	20.4	0.75
FRAGILARIA CROTONENSIS	363.6	13.37
GLOEOCYSTIS SP.	359.9	13.23
GREEN FILAMENT, UNKNOWN	1.9	0.07
MELOSIRA GRANULATA	9.3	0.34
MELOSIRA ISLANDICA	113.2	4.16
MELOSIRA ITALICA	87.2	3.21
NITZSCHIA ACICULARIS	5.6	0.20
NITZSCHIA BACATA	22.3	0.82
NITZSCHIA CONFINIS	7.4	0.27
NITZSCHIA DISSIPATA	1.9	0.07
NITZSCHIA PALEA	1.9	0.07
NITZSCHIA RECTA	1.9	0.07
NITZSCHIA SP.	7.4	0.27
NITZSCHIA SP. #2	18.5	0.68
OSCILLATORIA SP.	16.7	0.61
RHIZOSOLENIA GRACILIS	1.9	0.07
SCENEDESMUS BICELLULARIS	3.7	0.14
SCENEDESMUS QUADRICAUDA	7.4	0.27
STEPHANODISCUS ALPINUS	9.3	0.34
STEPHANODISCUS ASTRAEA	1.9	0.07
STEPHANODISCUS BINDERANUS	24.1	0.89
STEPHANODISCUS MINUTUS	141.0	5.18
STEPHANODISCUS SP.	31.5	1.16
STEPHANODISCUS TENUIS	191.1	7.03
STEPHANODISCUS TRANSILVANICUS	22.3	0.82
SURIRELLA ANGUSTA	5.6	0.20
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	5.6	0.20
SYNEDRA DEMERARAE	3.7	0.14
SYNEDRA FILIFORMIS	48.2	1.77
SYNEDRA OSTENFELDII	11.1	0.41
SYNEDRA SP.	5.6	0.20
SYNEDRA TENERA	22.3	0.82
SYNEDRA ULNA	1.9	0.07
SYNEDRA ULNA V. CHASEANA	7.4	0.27
TABELLARIA FENESTRATA V. INTERMEDIA	76.1	2.80
ULOTHRIX SP.	1.9	0.07
TOTAL	2719.4	100.0

DC-4 NO.OF FORMS = 42 DIVERSITY = 4.16
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	122.4	8.68
CRUCIGENIA QUADRATA	29.7	2.11
CRYPTOMONAS SP.	5.6	0.39
CYCLOTELLA OCELLATA	5.6	0.39
CYCLOTELLA SP.	11.1	0.79
CYCLOTELLA STELLIGERA	22.3	1.58
DACTYLOCOCCOPSIS SP.	26.0	1.84
DIATOMA TENUE V. ELONGATUM	35.2	2.50
FLAGELLATES	306.1	21.71
FRAGILARIA CROTONENSIS	226.3	16.05
FRAGILARIA INTERMEDIA	7.4	0.53
GLENODINIUM SP.	9.3	0.66
GLOEOCYSTIS SP.	55.6	3.95
GREEN FILAMENT, UNKNOWN	1.9	0.13
MELOSIRA ISLANDICA	76.1	5.39
MELOSIRA ITALICA	22.3	1.58
NAVICULA CAPITATA	3.7	0.26
NITZSCHIA ACICULARIS	3.7	0.26
NITZSCHIA BACATA	13.0	0.92
NITZSCHIA DISSIPATA	1.9	0.13
NITZSCHIA SP.	14.8	1.05
NITZSCHIA SP. #1	3.7	0.26
NITZSCHIA SP. #2	20.4	1.45
OSCILLATORIA SP.	26.0	1.84
RHIZOSOLENIA ERIENSIS	1.9	0.13
RHIZOSOLENIA GRACILIS	5.6	0.39
STEPHANODISCUS ALPINUS	11.1	0.79
STEPHANODISCUS BINDERANUS	29.7	2.11
STEPHANODISCUS HANTZSCHII	7.4	0.53
STEPHANODISCUS MINUTUS	87.2	6.18
STEPHANODISCUS NIAGARAE	1.9	0.13
STEPHANODISCUS SP.	29.7	2.11
STEPHANODISCUS SP. #5	1.9	0.13
STEPHANODISCUS TENUIS	51.9	3.68
STEPHANODISCUS TRANSILVANICUS	18.5	1.32
SYNEDRA ACUS	1.9	0.13
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.26
SYNEDRA FILIFORMIS	35.2	2.50
SYNEDRA OSTENFELDII	18.5	1.32
SYNEDRA SP.	1.9	0.13
SYNEDRA TENERA	11.1	0.79
TABELLARIA FENESTRATA	40.8	2.89
TOTAL	1409.8	100.0

DC-5 NO.OF FORMS = 46 DIVERSITY = 4.35
COUNTED BY: D.F.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	5.6	0.53
AMPHORA OVALIS V. PEDICULUS	1.9	0.18
ASTERIONELLA FORMOSA	70.5	6.69
CRYPTOMONAS SP.	16.7	1.58
CYCLOTELLA MICHIGANIANA	1.9	0.18
CYCLOTELLA OCELLATA	7.4	0.70
CYCLOTELLA SP.	16.7	1.58
CYCLOTELLA STELLIGERA	31.5	2.99
CYMATOPLEURA SOLEA	1.9	0.18
DIATOMA TENUE V. ELONGATUM	14.8	1.41
DINOBRYON DIVERGENS	9.3	0.88
FLAGELLATES	176.2	16.73
FRAGILARIA CROTONENSIS	3.7	0.35
FRAGILARIA INTERMEDIA	3.7	0.35
GLENODINIUM SP.	1.9	0.18
GLOEOCYSTIS SP.	3.7	0.35
GREEN FILAMENT, UNKNOWN	1.9	0.18
MELOSIRA ISLANDICA	51.9	4.93
MELOSIRA ITALICA	109.4	10.39
NITZSCHIA ACICULARIS	1.9	0.18
NITZSCHIA BACATA	13.0	1.23
NITZSCHIA CONFINIS	9.3	0.88
NITZSCHIA DISSIPATA	9.3	0.88
NITZSCHIA HOLSATICA	5.6	0.53
NITZSCHIA RECTA	1.9	0.18
NITZSCHIA SP.	13.0	1.23
NITZSCHIA SP. #2	20.4	1.94
OSCILLATORIA SP.	7.4	0.70
RHIZOSOLENIA ERIENSIS	11.1	1.06
RHIZOSOLENIA GRACILIS	22.3	2.11
SCENEDESMUS BICELLULARIS	3.7	0.35
STEPHANODISCUS ALPINUS	5.6	0.53
STEPHANODISCUS BINDERANUS	9.3	0.88
STEPHANODISCUS MINUTUS	115.0	10.92
STEPHANODISCUS SP.	16.7	1.58
STEPHANODISCUS SUBTILIS	3.7	0.35
STEPHANODISCUS TENUIS	29.7	2.82
STEPHANODISCUS TRANSILVANICUS	13.0	1.23
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.70
SYNEDRA FILIFORMIS	131.7	12.50
SYNEDRA OSTENFELDII	13.0	1.23
SYNEDRA TENERA	16.7	1.58
SYNEDRA ULNA V. CHASEANA	14.8	1.41
TABELLARIA FENESTRATA V. INTERMEDIA	22.3	2.11
THALASSIOSIRA PSEUDONANA	5.6	0.53
TOTAL	1053.6	100.0

DC-6 NO.OF FORMS = 42 DIVERSITY = 4.36
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	5.6	0.80
ASTERIONELLA FORMOSA	31.5	4.53
COSMARIUM SP.	1.9	0.27
CRYPTOMONAS SP.	24.1	3.47
CYCLOTELLA CRYPTICA	3.7	0.53
CYCLOTELLA MICHIGANIANA	3.7	0.53
CYCLOTELLA OCELLATA	3.7	0.53
CYCLOTELLA SP.	1.9	0.27
CYCLOTELLA STELLIGERA	11.1	1.60
DACTYLOCOCCOPSIS SP.	3.7	0.53
DIATOMA TENUE V. ELONGATUM	1.9	0.27
FLAGELLATES	40.8	5.87
FRAGILARIA CROTONENSIS	33.4	4.80
FRAGILARIA INTERMEDIA	61.2	8.80
GLOEOCYSTIS SP.	9.3	1.33
GREEN FILAMENT, UNKNOWN	1.9	0.27
MELOSIRA ISLANDICA	37.1	5.33
MELOSIRA ITALICA	100.2	14.40
NITZSCHIA ACICULARIS	3.7	0.53
NITZSCHIA BACATA	16.7	2.40
NITZSCHIA DISSIPATA	14.8	2.13
NITZSCHIA SP.	1.9	0.27
NITZSCHIA SP. #1	1.9	0.27
NITZSCHIA SP. #2	5.6	0.80
OSCILLATORIA SP.	3.7	0.53
RHIZOSOLENIA ERIENSIS	5.6	0.80
RHIZOSOLENIA GRACILIS	3.7	0.53
STEPHANODISCUS ALPINUS	1.9	0.27
STEPHANODISCUS HANTZSCHII	1.9	0.27
STEPHANODISCUS MINUTUS	22.3	3.20
STEPHANODISCUS NIAGARAE	1.9	0.27
STEPHANODISCUS SP.	9.3	1.33
STEPHANODISCUS TENUIS	11.1	1.60
STEPHANODISCUS TRANSILVANICUS	5.6	0.80
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	1.07
SYNEDRA FILIFORMIS	105.7	15.20
SYNEDRA OSTENFELDII	9.3	1.33
SYNEDRA SP.	5.6	0.80
SYNEDRA TENERA	5.6	0.80
SYNEDRA ULNA V. CHASEANA	20.4	2.93
TABELLARIA FENESTRATA V. INTERMEDIA	51.9	7.47
THALASSIOSIRA PSEUDONANA	1.9	0.27
TOTAL	695.6	100.0

DEC.5-C NO.OF FORMS = 36 DIVERSITY = 3.76
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	72.2	3.20
COCCONEIS PLACENTULA V. EUGLYPTA	2.4	0.11
CYCLOTELLA OCELLATA	7.2	0.32
CYMATOPLEURA SOLEA	4.8	0.21
DIATOMA TENUE V. ELONGATUM	77.0	3.41
FRAGILARIA CROTONENSIS	438.2	19.40
FRAGILARIA CROTONENSIS V. OREGONA	2.4	0.11
FRAGILARIA INTERMEDIA V. FALLAX	276.9	12.26
FRAGILARIA SP.	2.4	0.11
MELOSIRA GRANULATA	16.9	0.75
MELOSIRA ISLANDICA	134.8	5.97
MELOSIRA ITALICA	77.0	3.41
NAVICULA RHYNCHOCEPHALA	2.4	0.11
NAVICULA SP.	7.2	0.32
NAVICULA TRIPUNCTATA V. SCHIZONEMOIDES	2.4	0.11
NITZSCHIA ANGUSTATA V. ACUTA	2.4	0.11
NITZSCHIA BACATA	33.7	1.49
NITZSCHIA CONFINIS	2.4	0.11
NITZSCHIA DISSIPATA	2.4	0.11
NITZSCHIA SP.	2.4	0.11
NITZSCHIA SP. #2	38.5	1.71
OSCILLATORIA SP.	7.2	0.32
RHIZOSOLENIA GRACILIS	14.4	0.64
SCENEDESMUS BICELLULARIS	4.8	0.21
STEPHANODISCUS ALPINUS	93.9	4.16
STEPHANODISCUS BINDERANUS	113.2	5.01
STEPHANODISCUS MINUTUS	214.3	9.49
STEPHANODISCUS TENUIS	411.7	18.23
STEPHANODISCUS TRANSILVANICUS	14.4	0.64
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.2	0.32
SYNEDRA FILIFORMIS	53.0	2.35
SYNEDRA OSTENFELDII	48.2	2.13
SYNEDRA ULNA V. CHASEANA	2.4	0.11
TABELLARIA FENESTRATA V. INTERMEDIA	45.7	2.03
THALASSIOSIRA PSEUDONANA	16.9	0.75
ULOTHRIX SP.	4.8	0.21
TOTAL	2258.5	100.0

DEC.5-2 NO.OF FORMS = 36 DIVERSITY = 3.59
COUNTED BY: D.B.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANKISTRODESMUS SP.	1.9	0.20
ASTERIONELLA FORMOSA	68.6	7.55
CHROOCOCCUS SP.	3.7	0.41
COSMARIUM SP.	3.7	0.41
CRYPTOMONAS SP.	9.3	1.02
CYCLOTELLA CRYPTICA	1.9	0.20
CYCLOTELLA OCELLATA	1.9	0.20
CYCLOTELLA SP.	9.3	1.02
CYCLOTELLA STELLIGERA	3.7	0.41
DACTYLOCOCCOPSIS SP.	7.4	0.82
DIATOMA TENUE V. ELONGATUM	31.5	3.47
FLAGELLATES	352.4	38.78
FRAGILARIA CROTONENSIS	107.6	11.84
FRAGILARIA INTERMEDIA	24.1	2.65
GLOEOCYSTIS PLANCTONICA	14.8	1.63
GLOEOCYSTIS SP.	7.4	0.82
MELOSIRA ISLANDICA	18.5	2.04
MELOSIRA ITALICA	18.5	2.04
NITZSCHIA ACICULARIS	7.4	0.82
NITZSCHIA BACATA	11.1	1.22
NITZSCHIA DISSIPATA	1.9	0.20
NITZSCHIA SP.	1.9	0.20
NITZSCHIA SP. #2	11.1	1.22
OOCYSTIS SP.	7.4	0.82
STEPHANODISCUS BINDERANUS	16.7	1.84
STEPHANODISCUS MINUTUS	9.3	1.02
STEPHANODISCUS SP.	13.0	1.43
STEPHANODISCUS TENUIS	50.1	5.51
STEPHANODISCUS TRANSILVANICUS	5.6	0.61
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	9.3	1.02
SYNEDRA FILIFORMIS	26.0	2.86
SYNEDRA OSTENFELDII	5.6	0.61
SYNEDRA SP.	1.9	0.20
SYNEDRA TENERA	11.1	1.22
SYNEDRA ULNA V. CHASEANA	1.9	0.20
TABELLARIA FENESTRATA V. INTERMEDIA	31.5	3.47
TOTAL	908.9	100.0

NEC 1-0 NO.OF FORMS = 42 DIVERSITY = 4.04
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS	1.2	0.11
ASTERIONELLA FORMOSA	69.8	6.55
CRYPTOMONAS SP.	2.4	0.23
CYCLOTELLA OCELLATA	7.2	0.68
CYCLOTELLA SP.	1.2	0.11
CYCLOTELLA STELLIGERA	1.2	0.11
DIATOMA TENUE V. ELONGATUM	40.9	3.84
DINOBRYON BAVARICUM	2.4	0.23
EUNOTIA CURVATA	1.2	0.11
FLAGELLATES	43.3	4.07
FRAGILARIA CROTONENSIS	214.3	20.11
FRAGILARIA INTERMEDIA V. FALLAX	71.0	6.67
FRAGILARIA PINNATA V. LANCETTULA	1.2	0.11
GREEN COCCOID, UNKNOWN	6.0	0.56
MELOSIRA GRANULATA	21.7	2.03
MELOSIRA ISLANDICA	60.2	5.65
MELOSIRA ITALICA	53.0	4.97
MERISMOPEDIA CIRCULARE	2.4	0.23
NAVICULA TRIPUNCTATA V. SCHIZONEMOIDES	1.2	0.11
NAVICULA VENTRICULA	2.4	0.23
NITZSCHIA BACATA	13.2	1.24
NITZSCHIA DISSIPATA	1.2	0.11
NITZSCHIA KUETZINGIANA	1.2	0.11
NITZSCHIA SPICULOIDES	2.4	0.23
NITZSCHIA SP. #2	34.9	3.28
RHIZOSOLENIA GRACILIS	1.2	0.11
STEPHANODISCUS ALPINUS	37.3	3.50
STEPHANODISCUS BINDERANUS	28.9	2.71
STEPHANODISCUS MINUTUS	92.7	8.70
STEPHANODISCUS SP.	2.4	0.23
STEPHANODISCUS TENUIS	149.3	14.01
STEPHANODISCUS TRANSILVANICUS	10.8	1.02
SURIRELLA ANGUSTA	1.2	0.11
SYNEDRA ACUS	1.2	0.11
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.11
SYNEDRA FILIFORMIS	32.5	3.05
SYNEDRA OSTENFELDII	18.1	1.69
SYNEDRA ULNA V. CHASEANA	1.2	0.11
TABELLARIA FENESTRATA V. INTERMEDIA	16.9	1.58
THALASSIOSIRA PSEUDONANA	6.0	0.56
ULOTHRIX SP.	6.0	0.56
	1.2	0.11
TOTAL	1065.4	100.0

NEC 1-1 NO.OF FORMS = 51 DIVERSITY = 4.15
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA NEGLECTA	2.4	0.08
ANKISTRODESMUS FALCATUS	2.4	0.08
ASTERIONELLA FORMOSA	132.4	4.52
CRYPTOMONAS SP.	19.3	0.66
CYCLOTELLA MENEGHINIANA	2.4	0.08
CYCLOTELLA OCELLATA	31.3	1.07
CYCLOTELLA SP.	9.6	0.33
CYCLOTELLA STELLIGERA	2.4	0.08
DIATOMA TENUE V. ELONGATUM	130.9	4.83
DINOFLAGELLATES	2.4	0.08
FLAGELLATES	264.9	9.03
FRAGILARIA CROTONENSIS	606.8	20.69
FRAGILARIA INTERMEDIA V. FALLAX	14.4	0.49
GLOEOCYSTIS PLANCTONICA	9.6	0.33
MELOSIRA GRANULATA	40.9	1.40
MELOSIRA ISLANDICA	79.5	2.71
MELOSIRA ITALICA	43.3	1.48
NAVICULA CRYPTOCEPHALA V. VENETA	2.4	0.08
NAVICULA LACUS	2.4	0.08
NAVICULA SP.	2.4	0.08
NAVICULA SP. (AFF. N. CAPITATA)	2.4	0.08
NITZSCHIA ACUTA	9.6	0.33
NITZSCHIA BACATA	60.2	2.05
NITZSCHIA CONFINIS	2.4	0.08
NITZSCHIA DISSIPATA	4.8	0.16
NITZSCHIA RECTA	4.8	0.16
NITZSCHIA SP.	12.0	0.41
NITZSCHIA SP. (AFF. N. CONFINIS)	7.2	0.25
NITZSCHIA SP. #1	2.4	0.08
NITZSCHIA SP. #2	36.1	1.23
OOCYSTIS SP.	9.6	0.33
OSCILLATORIA SP.	60.2	2.05
RHIZOSOLENIA GRACILIS	4.8	0.16
SCENEDESMUS BICELLULARIS	4.8	0.16
STEPHANODISCUS ALPINUS	50.6	1.72
STEPHANODISCUS BINDERANUS	40.9	1.4
STEPHANODISCUS MINUTUS	322.6	11.00
STEPHANODISCUS SP.	24.1	0.82
STEPHANODISCUS SUBTILIS	81.9	2.79
STEPHANODISCUS TENUIS	382.8	13.05
STEPHANODISCUS TRANSILVANICUS	12.0	0.41
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	4.8	0.16
SYNEDRA FILIFORMIS	38.5	1.31
SYNEDRA MINUSCULA	2.4	0.08
SYNEDRA OSTENFELDII	122.8	4.19
SYNEDRA PAPASITICA	2.4	0.08
SYNEDRA ULNA	2.4	0.08
SYNEDRA ULNA V. CHASEANA	26.5	0.90
TABELLARIA FENESTRATA	19.3	0.66
TABELLARIA FENESTRATA V. INTERMEDIA	132.4	4.52
THALASSIOSIRA PSEUDONANA	43.3	1.48
TOTAL	2932.7	100.0

NDC 1-2 NO.OF FORMS = 48 DIVERSITY = 4.1[illegible]
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. GRACILIS	2.4	0.[illegible]9
ANKISTRODESMUS SP.	4.8	0.19
ASTERIONELLA FORMOSA	105.9	4.12
CRYPTOMONAS SP.	26.5	1.03
CYCLOTELLA MICHIGANIANA	2.4	0.09
CYCLOTELLA OCELLATA	16.9	0.66
CYCLOTELLA SP.	9.6	0.37
CYCLOTELLA STELLIGERA	9.6	0.37
DIATOMA TENUE V. ELONGATUM	105.9	4.12
FLAGELLATES	406.3	15.84
FRAGILARIA CROTONENSIS	373.2	14.53
FRAGILARIA INTERMEDIA V. FAILAX	156.5	6.09
GLOTOCYSTIS PLANCTONICA	65.3	2.53
MELOSIRA GRANULATA	9.6	0.37
MELOSIRA ISLANDICA	60.2	2.34
MELOSIRA ITALICA	38.5	1.50
NAVICULA CRYPTOCEPHALA	2.4	0.09
NAVICULA GREGARIA	2.4	0.09
NAVICULA SP.	9.6	0.37
NITZSCHIA ACICULARIS	2.4	0.09
NITZSCHIA ACUTA	4.8	0.19
NITZSCHIA BACATA	36.1	1.41
NITZSCHIA CONFINIS	16.9	0.66
NITZSCHIA DISSIPATA	7.2	0.28
NITZSCHIA ELEGANS	2.4	0.09
NITZSCHIA FLEXA	2.4	0.09
NITZSCHIA PUNCTUATA V. GERMINATA	2.4	0.09
NITZSCHIA SP. (AFF. N. CONFINIS)	4.8	0.19
NITZSCHIA SP. #2	19.3	0.75
OSCILLATORIA SP.	24.1	0.94
RHIZOSOLENIA GRACILIS	2.4	0.09
RHOICOSPHENIA CURVATA	2.4	0.09
STEPHANODISCUS ALPINUS	53.0	2.06
STEPHANODISCUS BINDERANUS	24.1	0.94
STEPHANODISCUS MINUTUS	284.1	11.06
STEPHANODISCUS SP.	4.8	0.19
STEPHANODISCUS SUBTILIS	101.1	3.94
STEPHANODISCUS TENUIS	322.6	12.56
STEPHANODISCUS TRANSILVANICUS	16.9	0.66
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	12.0	0.47
SYNEDRA FILIFORMIS	50.6	1.97
SYNEDRA OSTENFELDII	48.2	1.87
SYNEDRA SP.	2.4	0.09
SYNEDRA ULNA V. CHASERANA	7.2	0.28
TABELLARIA FENESTRATA	55.4	2.16
TABELLARIA FENESTRATA V. INTERMEDIA	21.7	0.84
THALASSIOSIRA PSEUDONANA	26.5	1.03
ULOTHRIX SP.	2.4	0.09
TOTAL	2569.1	100.0

STATION NDC-2-0 ON NEXT PAGE

COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LINEARIS	1.2	0.[illegible]
AMPHIPRORA PELLUCIDA	2.4	0.11
ASTERIONELLA FORMOSA	250.4	10.93
CRYPTOMONAS SP.	13.2	0.58
CYCLOTELLA MICHIGANIANA	2.4	0.11
CYCLOTELLA OCELLATA	16.1	0.72
CYCLOTELLA SP.	4.8	0.21
CYCLOTELLA STELLIGERA	6.0	0.26
CYMATOPLEURA SOLEA V. APICULATA	1.2	0.05
DIATOMA TENUE V. ELONGATUM	110.8	4.83
DIATOMA VULGARE	1.2	0.05
FLAGELLATES	44.5	1.94
FRAGILARIA CROTONENSIS	233.6	10.19
FRAGILARIA INTERMEDIA V. FAILAX	74.6	3.26
FRAGILARIA PINNATA	1.2	[illegible]
GOMPHONEMA OLIVACEUM	1.2	[illegible]
GREEN COCCOID, UNKNOWN	12.[illegible]	0.53
MELOSIRA GRANULATA	26.[illegible]	1.16
MELOSIRA ISLANDICA	87.[illegible]	3.[illegible]
MELOSIRA ITALICA	47.[illegible]	2.[illegible]
NAVICULA CRYPTOCEPHALA	1.2	0.[illegible]
NAVICULA CRYPTOCEPHALA V. VENETA	1.2	0.[illegible]
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.[illegible]
NAVICULA SP.	2.4	0.11
NITZSCHIA ACICULARIS	4.8	0.21
NITZSCHIA BACATA	25.3	1.1[illegible]
NITZSCHIA CONFINIS	6.[illegible]	0.[illegible]
NITZSCHIA DISSIPATA	2.4	0.11
NITZSCHIA KUETZINGIANA	1.2	0.[illegible]
NITZSCHIA ACTA	4.[illegible]	0.[illegible]
NITZSCHIA SP.	1.2	0.[illegible]
NITZSCHIA SP. (AFF. N. CONFINIS)	4.8	0.21
NITZSCHIA SP. #1	1.2	0.[illegible]
NITZSCHIA SP. #2	28.9	1.2[illegible]
NITZSCHIA SP. #[illegible]	1.2	0.[illegible]
OSCILLATORIA SP.	31.3	1.37
RHIZOSOLENIA ERIENSIS	1.2	0.[illegible]
RHIZOSOLENIA GRACILIS	4.8	0.[illegible]
RHOICOSPHENIA CURVATA	2.4	0.[illegible]
STEPHANODISCUS ALPINUS	93.0	4.[illegible]
STEPHANODISCUS BINDERANUS	56.[illegible]	2.[illegible]
STEPHANODISCUS MINUTUS	260.[illegible]	11.[illegible]
STEPHANODISCUS SP.	16.[illegible]	0.[illegible]
STEPHANODISCUS SUBTILIS	12.[illegible]	0.53
STEPHANODISCUS TENUIS	488.[illegible]	21.[illegible]
STEPHANODISCUS TRANSILVANICUS	13.2	0.[illegible]
SURIRELLA ANGUSTA	3.6	0.[illegible]
SYNEDRA ACUS	1.2	0.[illegible]
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.6	0.[illegible]
SYNEDRA FILIFORMIS	74.6	3.[illegible]
SYNEDRA OSTENFELDII	75.8	3.31
SYNEDRA SP.	2.4	0.11
SYNEDRA ULNA V. CHASERANA	4.[illegible]	0.21
TABELLARIA FENESTRATA	16.1	0.70
TABELLARIA FENESTRATA V. INTERMEDIA	61.4	2.68
THALASSIOSIRA PSEUDONANA	33.7	1.47
ULOTHRIX SP.	2.4	0.11
TOTAL	2291.0	100.0

NTC 2-0 NO.OF FORMS = 70 DIVERSITY = 4.50
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	2.4	0.09
ACHNANTHES SP.	4.8	0.18
AMPHORA SP.	4.8	0.18
ANABAENA SP.	38.5	1.41
ANACYSTIS THERMALIS	93.9	3.43
ASTERIONELLA FORMOSA	43.3	1.58
CRYPTOMONAS SP.	31.3	1.14
CYCLOTELLA MENEGHINIANA V. ILANA	2.4	0.09
CYCLOTELLA MENEGHINIANA	72.2	2.64
CYCLOTELLA MICHIGANIANA	16.9	0.62
CYCLOTELLA OCELLATA	19.3	0.70
CYCLOTELLA SP.	12.0	0.44
CYCLOTELLA STELLIGERA	2.4	0.09
FLAGELLATES	267.3	9.75
FRAGILARIA BREVISTRIATA	14.4	0.53
FRAGILARIA CAPUCINA	12.0	0.44
FRAGILARIA CONSTRUENS	2.4	0.09
FRAGILARIA CROTONENSIS	110.8	4.04
FRAGILARIA PINNATA	21.7	0.79
GLOEOCYSTIS SP.	238.4	8.70
GOMPHOSPHAERIA LACUSTRIS	180.6	6.59
MELOSIRA GRANULATA	476.7	17.40
MELOSIRA GRANULATA V. ANGUSTISSIMA	96.3	3.51
MELOSIRA ISLANDICA	2.4	0.09
MELOSIRA ITALICA	7.2	0.26
MELOSIRA SP.	12.0	0.44
NAVICULA CAPITATA	7.2	0.26
NAVICULA CAPITATA V. LUNEBURGENSIS	2.4	0.09
NAVICULA CRYPTOCEPHALA	2.4	0.09
NAVICULA DECUSSIS	4.8	0.18
NAVICULA GOTTLANDICA	2.4	0.09
NAVICULA LATENS	7.2	0.26
NAVICULA PUPULA	2.4	0.09
NAVICULA SP.	9.6	0.35
NAVICULA TRIPUNCTATA	7.2	0.26
NITZSCHIA ACICULARIS	4.8	0.18
NITZSCHIA BACATA	4.8	0.18
NITZSCHIA CONFINIS	9.6	0.35
NITZSCHIA DISSIPATA	2.4	0.09
NITZSCHIA FONTICOLA	16.9	0.62
NITZSCHIA KUETZINGIANA	9.6	0.35
NITZSCHIA PALEA	14.4	0.53
NITZSCHIA PALEACEA	7.2	0.26
NITZSCHIA SP. #10	4.8	0.18
NITZSCHIA SP. #1	14.4	0.53
NITZSCHIA SP. #2	2.4	0.09
NITZSCHIA SP. #9	4.8	0.18
OSCILLATORIA LIMNETICA	2.4	0.09
OSCILLATORIA RETZII	2.4	0.09
SCENEDESMUS BICELLULARIS	14.4	0.53
SCENEDESMUS DIMORPHUS	48.2	1.76
SCENEDESMUS SP.	19.3	0.70
SCENEDESMUS TETRADESMIFORMIS	9.6	0.35
STEPHANODISCUS ALPINUS	36.1	1.32
STEPHANODISCUS AUXOSPORE	7.2	0.26
STEPHANODISCUS BINDERANUS	2.4	0.09
STEPHANODISCUS HANTZSCHII	19.3	0.70
STEPHANODISCUS MINUTUS	175.8	6.41
STEPHANODISCUS SP.	21.7	0.79
STEPHANODISCUS SUBTILIS	161.3	5.89
STEPHANODISCUS TENUIS	209.5	7.65
SURIRELLA ANGUSTA	7.2	0.26
SYNEDRA ACUS	4.8	0.18
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	4.8	0.18
SYNEDRA FILIFORMIS	12.0	0.44
SYNEDRA PARASITICA V. SUBCONSTRICTA	2.4	0.09
SYNEDRA ULNA V. CHASEANA	4.8	0.18
TABELLARIA FENESTRATA	4.8	0.18
TABELLARIA FENESTRATA V. INTERMEDIA	36.1	1.32
THALASSIOSIRA PSEUDONANA	4.8	0.18
TOTAL	2740.1	100.0

NDC 2-3 NO.OF FORMS = 53 DIVERSITY = 3.88
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	4.8	0.24
AMPHORA SP.	2.4	0.12
ANACYSTIS SP.	1.2	0.06
ANKISTRODESMUS FALCATUS	9.6	0.48
ASTERIONELLA FORMOSA	74.6	3.71
CRYPTOMONAS SP.	24.1	1.20
CYCLOTELLA MICHIGANIANA	2.4	0.12
CYCLOTELLA OCELLATA	15.7	0.78
CYCLOTELLA STELLIGERA	20.5	1.02
DIATOMA TENUE V. ELONGATUM	51.8	2.58
DIPLONEIS BOLDTIANA	1.2	0.06
FLAGELLATES	440.6	21.93
FRAGILARIA CONSTRUENS V. VENTER	1.2	0.06
FRAGILARIA CROTONENSIS	234.8	11.68
FRAGILARIA INTERMEDIA V. PALLAX	87.9	4.37
FRAGILARIA PINNATA	1.2	0.06
GLOEOCYSTIS PLANCTONICA	7.2	0.36
MELOSIRA ISLANDICA	37.3	1.86
MELOSIRA ITALICA	44.5	2.22
MOUGEOTIA SP.	1.2	0.06
NAVICULA GREGARIA	1.2	0.06
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.06
NAVICULA PUPULA V. ROSTRATA	1.2	0.06
NITZSCHIA ACICULARIS	2.4	0.12
NITZSCHIA BACATA	16.9	0.84
NITZSCHIA DISSIPATA	1.2	0.06
NITZSCHIA RECTA	1.2	0.06
NITZSCHIA SP.	1.2	0.06
NITZSCHIA SP. (AFF. N. CONFINIS)	7.2	0.36
NITZSCHIA SP. #2	19.3	0.96
OSCILLATORIA LIMNETICA	21.7	1.08
RHIZOSCLENIA FRIESIS	2.4	0.12
RHIZOSCLENIA GRACILIS	2.4	0.12
SCENEDESMUS BICELLULARIS	7.2	0.36
STEPHANODISCUS ALPINUS	59.0	2.94
STEPHANODISCUS AUXOSPORE	1.2	0.06
STEPHANODISCUS BINDERANUS	18.1	0.90
STEPHANODISCUS HANTZSCHII	6.0	0.30
STEPHANODISCUS MINUTUS	186.6	9.29
STEPHANODISCUS SP.	1.2	0.06
STEPHANODISCUS SUBTILIS	50.6	2.52
STEPHANODISCUS TENUIS	390.1	19.41
STEPHANODISCUS TRANSILVANICUS	9.6	0.48
SURIRELLA ANGUSTA	3.6	0.18
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.06
SYNEDRA DEMERARAE	1.2	0.06
SYNEDRA FILIFORMIS	40.9	2.04
SYNEDRA OSTENFELDII	26.5	1.32
SYNEDRA SP.	1.2	0.06
SYNEDRA ULNA V. CHASEANA	4.8	0.24
TABELLARIA FENESTRATA	24.1	1.20
TABELLARIA FENESTRATA V. INTERMEDIA	14.4	0.72
THALASSIOSIRA PSEUDONANA	18.1	0.90
TOTAL	2[illegible]9.3	100.0

NDC 4-0 NO.OF FORMS = 42 DIVERSITY = 3.97
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.07
AMPHORA OVALIS V. PEDICULUS	1.2	0.07
ASTERIONELLA FORMOSA	109.6	6.56
CRUCIGENIA QUADRATA	4.8	0.29
CYCLOTELLA MENEGHINIANA	1.2	0.07
CYCLOTELLA MICHIGANIANA	3.6	0.22
CYCLOTELLA OCELLATA	1.2	0.07
CYCLOTELLA SP.	8.4	0.50
CYCLOTELLA STELLIGERA	4.8	0.29
DIATOMA TENUE V. ELONGATUM	72.2	4.32
FRAGILARIA CROTONENSIS	356.4	21.33
FRAGILARIA INTERMEDIA V. PALLAX	63.8	3.82
GOMPHONEMA SP.	2.4	0.14
MELOSIRA ISLANDICA	125.2	7.49
MELOSIRA ITALICA	118.0	7.06
NAVICULA CAPITATA	1.2	0.07
NAVICULA CRYPTOCEPHALA V. VENETA	1.2	0.07
NAVICULA MENISCULUS	1.2	0.07
NAVICULA SP.	1.2	0.07
NITZSCHIA ACUTA	1.2	0.07
NITZSCHIA AMPHIBIA	1.2	0.07
NITZSCHIA BACATA	22.9	1.37
NITZSCHIA DISSIPATA	2.4	0.14
NITZSCHIA PALEA	3.6	0.22
NITZSCHIA SP.	1.2	0.07
NITZSCHIA SP. #2	32.5	1.96
OSCILLATORIA SP.	31.3	1.87
RHIZOSCLENIA GRACILIS	4.8	0.29
STEPHANODISCUS ALPINUS	36.1	2.16
STEPHANODISCUS BINDERANUS	124.0	7.42
STEPHANODISCUS MINUTUS	21.7	1.30
STEPHANODISCUS SP.	16.9	1.01
STEPHANODISCUS SUBTILIS	10.8	0.65
STEPHANODISCUS TENUIS	231.1	13.83
STEPHANODISCUS TRANSILVANICUS	21.7	1.30
SURIRELLA ANGUSTA	2.4	0.14
SYNEDRA ACUS	2.4	0.14
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	13.2	0.79
SYNEDRA FILIFORMIS	86.7	5.19
SYNEDRA OSTENFELDII	47.0	2.81
SYNEDRA ULNA V. CHASEANA	13.2	0.79
TABELLARIA FENESTRATA V. INTERMEDIA	63.8	3.82
TOTAL	1671.0	100.0

NDC 4-1 NO.OF FORMS = 53 DIVERSITY = 4.32

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA SP.	31.3	1.56
APHANOCYSTIS INCERTA	48.2	2.39
ANKISTRODESMUS FALCATUS	4.8	0.24
ASTERIONELLA FORMOSA	12.0	0.60
CRYPTOMONAS SP.	24.1	1.20
CYCLOTELLA KUETZINGIANA	2.4	0.12
CYCLOTELLA MICHIGANIANA	2.4	0.12
CYCLOTELLA OCELLATA	16.9	0.84
CYCLOTELLA STELLIGERA	9.6	0.48
CYMATOPLEURA SOLEA V. APICULATA	2.4	0.12
DIATOMA TENUE V. ELONGATUM	103.5	5.14
FLAGELLATES	322.6	16.03
FRAGILARIA CONSTRUENS	9.6	0.48
FRAGILARIA CROTONENSIS	353.9	17.58
FRAGILARIA PINNATA	2.4	0.12
GLOEOCYSTIS PLANCTONICA	115.6	5.74
GREEN FILAMENT, UNKNOWN	4.8	0.24
MELOSIRA GRANULATA	38.5	1.91
MELOSIRA ISLANDICA	67.4	3.35
MELOSIRA ITALICA	9.6	0.48
MOUGEOTIA SP.	12.0	0.60
NAVICULA SCHMASSMANNII	2.4	0.12
NAVICULA SP.	2.4	0.12
NAVICULA SUBRHYNCHOCEPHALA	2.4	0.12
NITZSCHIA ACICULARIS	2.4	0.12
NITZSCHIA ACUTA	2.4	0.12
NITZSCHIA BACATA	28.9	1.44
NITZSCHIA CONFINIS	7.2	0.36
NITZSCHIA FONTICOLA	2.4	0.12
NITZSCHIA RECTA	2.4	0.12
NITZSCHIA SP. (AFF. N. CONFINIS)	4.8	0.24
NITZSCHIA SP. #2	16.9	0.84
OEDOGONIUM SP.	31.3	1.56
OSCILLATORIA LIMNETICA	28.9	1.44
OSCILLATORIA SP.	12.0	0.60
RHIZOSCLENIA GRACILIS	2.4	0.12
SCENEDESMUS BICELLULARIS	4.8	0.24
SCENEDESMUS QUADRICAUDA V. LONGISPINA	9.6	0.48
STEPHANODISCUS ALPINUS	43.3	2.15
STEPHANODISCUS HANTZSCHII	33.7	1.67
STEPHANODISCUS MINUTUS	168.5	8.37
STEPHANODISCUS SUBTILIS	19.3	0.96
STEPHANODISCUS TENUIS	178.2	8.85
STEPHANODISCUS TRANSILVANICUS	2.4	0.12
SURIRELLA ANGUSTA	2.4	0.12
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.12
SYNEDRA DEMERARAE	26.5	1.32
SYNEDRA FILIFORMIS	55.4	2.75
SYNEDRA MINUSCULA	4.8	0.24
SYNEDRA OSTENFELDII	38.5	1.91
SYNEDRA RUMPENS	2.4	0.12
TABELLARIA FENESTRATA	21.7	1.08
TABELLARIA FENESTRATA V. INTERMEDIA	55.4	2.75
TOTAL	2012.3	100.0

NTC 4-3 NO.OF FORMS = 40 DIVERSITY = 3.71

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	4.8	0.30
ANABAENA SP.	2.4	0.15
ANKISTRODESMUS FALCATUS V. STIPITATUS	2.4	0.15
ASTERIONELLA FORMOSA	40.9	2.51
CRYPTOMONAS SP.	16.9	1.04
CYCLOTELLA MICHIGANIANA	2.4	0.15
CYCLOTELLA OCELLATA	12.0	0.74
CYCLOTELLA STELLIGERA	12.0	0.74
DIATOMA TENUE V. ELONGATUM	45.7	2.81
FLAGELLATES	279.3	17.16
FRAGILARIA CROTONENSIS	469.5	28.85
FRAGILARIA INTERMEDIA V. FALLAX	53.0	3.25
FRAGILARIA PINNATA	7.2	0.44
GLOEOCYSTIS PLANCTONICA	72.2	4.44
MELOSIRA GRANULATA V. ANGUSTISSIMA	7.2	0.44
MELOSIRA ISLANDICA	65.0	3.99
MELOSIRA ITALICA	43.3	2.66
NAVICULA LATENS	2.4	0.15
NAVICULA MENISCULUS V. UPSALIENSIS	2.4	0.15
NITZSCHIA ACICULARIS	2.4	0.15
NITZSCHIA BACATA	4.8	0.30
NITZSCHIA RECTA	4.8	0.30
NITZSCHIA SP. (AFF. N. CONFINIS)	4.8	0.30
NITZSCHIA SP. #2	14.4	0.89
OSCILLATORIA SP.	7.2	0.44
RHIZOSCLENIA GRACILIS	2.4	0.15
SCENEDESMUS BICELLULARIS	4.8	0.30
STEPHANODISCUS ALPINUS	12.0	0.74
STEPHANODISCUS MINUTUS	195.0	11.98
STEPHANODISCUS NIAGARAE	4.8	0.30
STEPHANODISCUS SP.	2.4	0.15
STEPHANODISCUS SUBTILIS	21.7	1.33
STEPHANODISCUS TENUIS	19.3	1.18
SYNEDRA FILIFORMIS	38.5	2.37
SYNEDRA OSTENFELDII	26.5	1.63
SYNEDRA SP.	2.4	0.15
SYNEDRA ULNA V. CHASEANA	7.2	0.44
TABELLARIA FENESTRATA	31.3	1.92
TABELLARIA FENESTRATA V. INTERMEDIA	72.2	4.44
THALASSIOSIRA PSEUDONANA	7.2	0.44
TOTAL	1627.7	100.0

NDC 4-4 NO.OF FORMS = 39 DIVERSITY = 4.17
COUNTED BY: N.S.
METHOD: SEITLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	2.4	0.36
AMPHORA SP.	1.2	0.18
ANABAENA SP.	6.0	0.89
ANKISTRODESMUS SP.	6.0	0.89
ASTERIONELLA FORMOSA	7.2	1.07
CRYPTOMONAS SP.	16.9	2.50
CYCLOTELLA OCELLATA	14.4	2.14
CYCLOTELLA SP.	4.8	0.71
CYCLOTELLA STELLIGERA	25.3	3.74
DIATOMA TENUE V. ELONGATUM	1.2	0.18
FLAGELLATES	125.2	18.54
FRAGILARIA CROTONENSIS	98.7	14.62
FRAGILARIA INTERMEDIA V. FALLAX	8.4	1.25
GLOEOCYSTIS PLANCTONICA	7.2	1.07
MELOSIRA ISLANDICA	32.5	4.81
MELOSIRA ITALICA	77.0	11.41
NITZSCHIA BACATA	3.6	0.53
NITZSCHIA CONFINIS	4.8	0.71
NITZSCHIA DISSIPATA	6.0	0.89
NITZSCHIA FRUSTULUM	1.2	0.18
NITZSCHIA KUETZINGIANA	1.2	0.18
NITZSCHIA SP.	4.8	0.71
NITZSCHIA SP. #2	7.2	1.07
OOCYSTIS SP.	3.6	0.53
OSCILLATORIA SP.	3.6	0.53
RHIZOSOLENIA ERIENSIS	3.6	0.53
RHIZOSOLENIA GRACILIS	10.8	1.60
STEPHANODISCUS ALPINUS	16.9	2.50
STEPHANODISCUS MINUTUS	55.4	8.20
STEPHANODISCUS SP.	3.6	0.53
STEPHANODISCUS SUBTILIS	8.4	1.25
STEPHANODISCUS TENUIS	2.4	0.36
STEPHANODISCUS TRANSILVANICUS	3.6	0.53
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.18
SYNEDRA FILIFORMIS	43.3	6.42
SYNEDRA OSTENFELDII	15.7	2.32
SYNEDRA ULNA V. CHASEANA	10.8	1.60
TABELLARIA FENESTRATA V. INTERMEDIA	12.0	1.78
THALASSIOSIRA PSEUDONANA	16.9	2.50
TOTAL	675.4	100.0

NDC 7-1 NO.OF FORMS = 31 DIVERSITY = 3.82
COUNTED BY: N.S.
METHOD: SEITLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	66.2	9.31
CYCLOTELLA MICHIGANIANA	2.4	0.34
CYCLOTELLA OCELLATA	2.4	0.34
CYCLOTELLA SP.	3.6	0.51
CYCLOTELLA STELLIGERA	2.4	0.34
DACTYLOCOCCOPSIS SP.	4.8	0.68
DIATOMA TENUE V. ELONGATUM	68.6	9.64
DIPLONEIS SP.	1.2	0.17
FRAGILARIA CROTONENSIS	184.2	25.89
FRAGILARIA INTERMEDIA	13.2	1.86
GREEN FILAMENT, UNKNOWN	3.6	0.51
MELOSIRA GRANULATA	2.4	0.34
MELOSIRA ISLANDICA	33.7	4.74
MELOSIRA ITALICA	9.6	1.35
NAVICULA MICROPUPULA	1.2	0.17
NITZSCHIA BACATA	10.8	1.52
NITZSCHIA CONFINIS	1.2	0.17
NITZSCHIA DISSIPATA	1.2	0.17
NITZSCHIA SP.	2.4	0.34
NITZSCHIA SP. #2	12.0	1.69
OSCILLATORIA SP.	31.3	4.40
RHIZOSOLENIA GRACILIS	6.0	0.85
STEPHANODISCUS ALPINUS	13.2	1.86
STEPHANODISCUS SP.	14.4	2.03
STEPHANODISCUS TENUIS	55.4	7.79
STEPHANODISCUS TRANSILVANICUS	6.0	0.85
SYNEDRA FILIFORMIS	53.0	7.45
SYNEDRA OSTENFELDII	54.2	7.61
SYNEDRA ULNA V. CHASEANA	4.8	0.68
TABELLARIA FENESTRATA	18.1	2.54
TABELLARIA FENESTRATA V. INTERMEDIA	27.7	3.89
TOTAL	711.5	100.0

NPC 7-3 NO.OF FORMS = 48 DIVERSITY = 3.71
COUNTED BY: D.B.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	1.9	0.07
AMPHORA OVALIS V. PEDICULUS	1.9	0.07
ANKISTRODESMUS SP.	1.9	0.07
ANKISTRODESMUS SP. #3	3.7	0.14
ASTERIONELLA FORMOSA	248.6	9.15
COSMARIUM SP.	3.7	0.14
CRUCIGENIA QUADRATA	7.4	0.27
CRYPTOMONAS SP.	29.7	1.09
CYCLOTELLA CRYPTICA	22.3	0.82
CYCLOTELLA OCELLATA	1.9	0.07
CYCLOTELLA SP.	9.3	0.34
CYCLOTELLA STELLIGERA	18.5	0.68
DACTYLOCOCCOPSIS SP.	13.0	0.48
DIATOMA TENUE V. ELONGATUM	64.9	2.39
FLAGELLATES	831.0	30.58
FRAGILARIA CROTONENSIS	419.2	15.43
FRAGILARIA INTERMEDIA	29.7	1.09
FRAGILARIA LEPICSTAURON	1.9	0.07
GLENODINIUM SP.	20.4	0.75
GLOEOCYSTIS PLANCTONICA	257.8	9.49
MELOSIRA ISLANDICA	63.1	2.32
MELOSIRA ITALICA	22.3	0.82
NITZSCHIA ACICULARIS	3.7	0.14
NITZSCHIA BACATA	26.0	0.96
NITZSCHIA CONFINIS	5.6	0.20
NITZSCHIA DISSIPATA	1.9	0.07
NITZSCHIA RECTA	1.9	0.07
NITZSCHIA SP.	3.7	0.14
NITZSCHIA SP. #1	5.6	0.20
OSCILLATORIA SP.	31.5	1.16
RHIZOSOLENIA GRACILIS	5.6	0.20
SCENEDESMUS DIMORPHUS	7.4	0.27
SCENEDESMUS SP.	14.8	0.55
STEPHANODISCUS ALPINUS	3.7	0.14
STEPHANODISCUS BINDERANUS	16.7	0.61
STEPHANODISCUS MINUTUS	103.9	3.82
STEPHANODISCUS SP.	35.2	1.30
STEPHANODISCUS SUBILLIS	3.7	0.14
STEPHANODISCUS TENUIS	159.5	5.87
STEPHANODISCUS TRANSILVANICUS	13.0	0.48
SYNEDRA ACUS	3.7	0.14
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	13.0	0.48
SYNEDRA FILIFORMIS	33.4	1.23
SYNEDRA OSTENFELDII	18.5	0.68
SYNEDRA SP.	20.4	0.75
SYNEDRA TENERA	13.0	0.48
SYNEDRA ULNA V. CHASEANA	14.8	0.55
TABELLARIA FENESTRATA	83.5	3.07
TOTAL	2717.6	100.0

NPC 7-5 NO.OF FORMS = 34 DIVERSITY = 3.93
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	65.0	6.75
CYCLOTELLA KUETZINGIANA	1.2	0.13
CYCLOTELLA OCELLATA	6.0	0.63
CYCLOTELLA SP.	3.6	0.38
CYCLOTELLA STELLIGERA	14.4	1.50
DIATOMA TENUE V. ELONGATUM	18.1	1.88
FRAGILARIA CROTONENSIS	136.0	14.13
FRAGILARIA INTERMEDIA V. FALLAX	152.9	15.88
MELOSIRA ISLANDICA	44.5	4.63
MELOSIRA ITALICA	74.6	7.75
NAVICULA SP.	1.2	0.13
NITZSCHIA ACICULARIS	3.6	0.38
NITZSCHIA BACATA	3.6	0.38
NITZSCHIA DISSIPATA	3.6	0.38
NITZSCHIA RECTA	2.4	0.25
NITZSCHIA SP.	7.2	0.75
NITZSCHIA SP. (AFF. N. CONFINIS)	3.6	0.38
NITZSCHIA SP. #1	2.4	0.25
NITZSCHIA SP. #2	13.2	1.38
NITZSCHIA SP. #8	1.2	0.13
OSCILLATORIA SP.	9.6	1.00
RHIZOSOLENIA ERIENSIS	2.4	0.25
RHIZOSOLENIA GRACILIS	8.4	0.88
STEPHANODISCUS ALPINUS	47.0	4.88
STEPHANODISCUS BINDERANUS	6.0	0.63
STEPHANODISCUS MINUTUS	78.3	8.13
STEPHANODISCUS TENUIS	127.6	13.25
STEPHANODISCUS TRANSILVANICUS	10.8	1.13
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.6	0.38
SYNEDRA FILIFORMIS	66.2	6.88
SYNEDRA OSTENFELDII	22.9	2.38
SYNEDRA ULNA V. CHASEANA	7.2	0.75
TABELLARIA FENESTRATA V. INTERMEDIA	10.8	1.13
THALASSIOSIRA PSEUDONANA	3.6	0.38
TOTAL	963.1	100.0

SPC.5-1 NO.OF FORMS = 5[illegible] DIVERSITY = 3.94
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA V. DUBIA	1.2	0.06
ACHNANTHES SP. #6	1.2	0.06
AMPHIPLEURA PELLUCIDA	1.2	0.06
AMPHORA OVALIS	1.2	0.06
ASTERIONELLA FORMOSA	151.7	7.04
CLOSTERIUM ACICULARE	1.2	0.06
CRYPTOMONAS SP.	4.8	0.22
CYCLOTELLA MICHIGANIANA	4.8	0.22
CYCLOTELLA OCELLATA	3.6	0.17
CYCLOTELLA SP.	9.6	0.45
CYCLOTELLA STELLIGERA	3.6	0.17
DIATOMA TENUE V. ELONGATUM	90.3	4.19
FLAGELLATES	21.7	1.01
FRAGILARIA BREVISTRIATA V. INFLATA	1.2	0.06
FRAGILARIA CROTONENSIS	494.8	22.97
FRAGILARIA INTERMEDIA	140.9	6.54
GLOEOCYSTIS PLANCTONICA	2.4	0.11
MELOSIRA GRANULATA	3.6	0.17
MELOSIRA ISLANDICA	192.6	8.94
MELOSIRA ITALICA	119.2	5.53
MERIDION CIRCULARE	2.4	0.11
NAVICULA GREGARIA	2.4	0.11
NAVICULA LATENS	2.4	0.11
NAVICULA SP.	1.2	0.06
NAVICULA VIRIDULA V. #2	2.4	0.11
NITZSCHIA ACICULARIS	6.0	0.28
NITZSCHIA ACUTA	8.4	0.39
NITZSCHIA BACATA	37.3	1.73
NITZSCHIA DISSIPATA	12.0	0.56
NITZSCHIA SP. (AFF. N. CONFINIS)	8.4	0.39
NITZSCHIA SP. #1	2.4	0.11
NITZSCHIA SP. #2	63.8	2.96
OSCILLATORIA SP.	48.2	2.24
PINNULARIA SP.	1.2	0.06
RHIZOSOLENIA GRACILIS	2.4	0.11
STEPHANODISCUS ALPINUS	44.5	2.07
STEPHANODISCUS BINDERANUS	158.9	7.38
STEPHANODISCUS MINUTUS	14.4	0.67
STEPHANODISCUS NIAGARAE	12.0	0.56
STEPHANODISCUS SP.	56.6	2.63
STEPHANODISCUS TENUIS	284.1	13.19
STEPHANODISCUS TRANSILVANICUS	2.4	0.11
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	6.0	0.28
SYNEDRA DEMERARAE	1.2	0.06
SYNEDRA FILIFORMIS	56.6	2.63
SYNEDRA OSTENFELDII	2.4	0.11
SYNEDRA PARASITICA	1.2	0.06
SYNEDRA ULNA V. CHASEANA	15.7	0.73
TABELLARIA FENESTRATA V. INTERMEDIA	43.3	2.01
ULOTHRIX SP.	2.4	0.11
TOTAL	2153.8	100.0

SPC.5-2 NO.OF FORMS = 47 DIVERSITY = 3.69
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	1.9	0.10
AMPHIPLEURA PELLUCIDA	1.9	0.10
ANKISTRODESMUS BRAUNII	1.9	0.10
ANKISTRODESMUS SP. #1	1.9	0.10
ASTERIONELLA FORMOSA	126.1	6.73
COELOSPHAERIUM SP.	1.9	0.10
CRYPTOMONAS SP.	37.1	1.98
CYCLOTELLA CRYPTICA	3.7	0.20
CYCLOTELLA MICHIGANIANA	5.6	0.30
CYCLOTELLA OCELLATA	5.6	0.30
CYCLOTELLA SP.	20.4	1.09
CYCLOTELLA STELLIGERA	31.5	1.68
DACTYLOCOCCOPSIS SP.	9.3	0.49
DIATOMA TENUE V. ELONGATUM	31.5	1.68
DINOBRYON DIVERGENS	1.9	0.10
FLAGELLATES	628.8	33.53
FRAGILARIA CROTONENSIS	300.5	16.02
FRAGILARIA INTERMEDIA	39.0	2.08
GLOEOCYSTIS SP.	5.6	0.30
MELOSIRA ISLANDICA	9.3	0.49
MELOSIRA ITALICA	44.5	2.37
NITZSCHIA ACICULARIS	14.8	0.79
NITZSCHIA BACATA	5.6	0.30
NITZSCHIA CONFINIS	3.7	0.20
NITZSCHIA DISSIPATA	7.4	0.40
NITZSCHIA SP.	1.9	0.10
NITZSCHIA SP. #2	14.8	0.79
OSCILLATORIA SP.	22.3	1.19
RHIZOSOLENIA ERIENSIS	1.9	0.10
RHIZOSOLENIA GRACILIS	3.7	0.20
SCENEDESMUS QUADRICAUDA	1.9	0.10
STEPHANODISCUS ALPINUS	1.9	0.10
STEPHANODISCUS BINDERANUS	59.4	3.17
STEPHANODISCUS HANTZSCHII	3.7	0.20
STEPHANODISCUS MINUTUS	81.6	4.35
STEPHANODISCUS SP.	64.9	3.46
STEPHANODISCUS SUBTILIS	1.9	0.10
STEPHANODISCUS TENUIS	131.7	7.02
STEPHANODISCUS TRANSILVANICUS	20.4	1.09
SURIRELLA ANGUSTA	1.9	0.10
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.20
SYNEDRA FILIFORMIS	29.7	1.58
SYNEDRA OSTENFELDII	11.1	0.59
SYNEDRA SP.	13.0	0.69
SYNEDRA TENERA	18.5	0.99
SYNEDRA ULNA V. CHASEANA	1.9	0.10
TABELLARIA FENESTRATA V. INTERMEDIA	42.7	2.27
TOTAL	1875.4	100.0

SDC 1-0 NO.OF FORMS = 42 DIVERSITY = 3.97
COUNTED BY: N.S.
METHOD: SEITLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	4.8	0.21
AMPHORA OVALIS V. PEDICULUS	9.6	0.43
AMPHORA SP.	2.4	0.11
ASTERIONELLA FORMOSA	149.3	6.60
CYCLOTELLA OCELLATA	4.8	0.21
CYCLOTELLA STELLIGERA	2.4	0.11
DIATOMA TENUE V. ELONGATUM	81.9	3.62
FLAGELLATES	26.5	1.17
FRAGILARIA CROTONENSIS	423.8	18.74
FRAGILARIA INTERMEDIA V. FALLAX	93.9	4.15
FRAGILARIA VAUCHERIAE	2.4	0.11
MELOSIRA GRANULATA	36.1	1.60
MELOSIRA ISLANDICA	69.8	3.09
MELOSIRA ITALICA	69.8	3.09
NAVICULA SP.	7.2	0.32
NITZSCHIA ACICULARIS	12.0	0.53
NITZSCHIA BACATA	28.9	1.28
NITZSCHIA CAPITELLATA	2.4	0.11
NITZSCHIA CONFINIS	9.6	0.43
NITZSCHIA DISSIPATA	2.4	0.11
NITZSCHIA RECTA	2.4	0.11
NITZSCHIA SPICULOIDES	2.4	0.11
NITZSCHIA SP.	9.6	0.43
NITZSCHIA SP. (APP. N. CONFINIS)	4.8	0.21
NITZSCHIA SP. #2	55.4	2.45
OSCILLATORIA SP.	53.0	2.34
RHIZOSOLENIA GRACILIS	16.9	0.75
STEPHANODISCUS ALPINUS	96.3	4.26
STEPHANODISCUS BINDERANUS	86.7	3.83
STEPHANODISCUS MINUTUS	173.4	7.67
STEPHANODISCUS TENUIS	491.2	21.73
STEPHANODISCUS TRANSILVANICUS	2.4	0.11
SURIRELLA ANGUSTA	2.4	0.11
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.11
SYNEDRA FILIFORMIS	62.6	2.77
SYNEDRA OSTENFELDII	69.8	3.09
SYNEDRA SP.	2.4	0.11
SYNEDRA ULNA V. CHASEANA	7.2	0.32
TABELLARIA FENESTRATA	4.8	0.21
TABELLARIA FENESTRATA V. INTERMEDIA	53.0	2.34
THALASSIOSIRA PSEUDONANA	16.9	0.75
ULOTHRIX SP.	4.8	0.21
TOTAL	2260.9	100.0

SDC 1-1 NO.OF FORMS = 42 DIVERSITY = 3.90
COUNTED BY: D.P.
METHOD: SEITLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	3.7	0.13
ASTERIONELLA FORMOSA	282.0	10.01
COSMARIUM SP.	3.7	0.13
CRYPTOMONAS SP.	26.0	0.92
CYCLOTELLA OCELLATA	14.8	0.53
CYCLOTELLA SP.	7.4	0.26
CYCLOTELLA STELLIGERA	7.4	0.26
DACTYLOCOCCOPSIS SP.	3.7	0.13
DIATOMA TENUE V. ELONGATUM	126.1	4.48
FLAGELLATES	730.9	25.96
FRAGILARIA CROTONENSIS	263.4	9.35
FRAGILARIA INTERMEDIA	7.4	0.26
GLENODINIUM SP.	11.1	0.40
GLOEOCYSTIS SP.	92.8	3.29
MELOSIRA GRANULATA	29.7	1.05
MELOSIRA ISLANDICA	74.2	2.64
MELOSIRA ITALICA	85.3	3.03
NITZSCHIA ACUTA	14.8	0.53
NITZSCHIA BACATA	44.5	1.58
NITZSCHIA CONFINIS	3.7	0.13
NITZSCHIA DISSIPATA	7.4	0.26
NITZSCHIA SP.	11.1	0.40
NITZSCHIA SP. #12	3.7	0.13
NITZSCHIA SP. #1	7.4	0.26
NITZSCHIA SP. #2	48.2	1.71
OSCILLATORIA SP.	48.2	1.71
RHIZOSOLENIA ERIENSIS	3.7	0.13
RHIZOSOLENIA GRACILIS	3.7	0.13
RHOICOSPHENIA CURVATA	3.7	0.13
STEPHANODISCUS ALPINUS	11.1	0.40
STEPHANODISCUS BINDERANUS	115.0	4.08
STEPHANODISCUS MINUTUS	115.0	4.08
STEPHANODISCUS SP.	37.1	1.32
STEPHANODISCUS TENUIS	397.0	14.10
STEPHANODISCUS TRANSILVANICUS	22.3	0.79
SYNEDRA FILIFORMIS	37.1	1.32
SYNEDRA OSTENFELDII	26.0	0.92
SYNEDRA SP.	37.1	1.32
SYNEDRA TENERA	22.3	0.79
SYNEDRA ULNA V. CHASEANA	7.4	0.26
TABELLARIA FENESTRATA V. INTERMEDIA	3.7	0.13
ULOTHRIX SP.	14.8	0.53
TOTAL	2815.9	100.0

SDC 1-2 NO.OF FORMS = 49 DIVERSITY = 3.97
COUNTED BY: D.R.
METHOD: SEDGWICK-RAFTER

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	11.1	0.37
ANKISTRODESMUS FALCATUS V. MIRABILIS	3.7	0.12
ASTERIONELLA FORMOSA	274.5	9.24
CRYPTOMONAS SP.	7.4	0.25
CYCLOTELLA KUETZINGIANA	3.7	0.12
CYCLOTELLA OCELLATA	22.3	0.75
CYCLOTELLA SP.	18.5	0.62
CYCLOTELLA STELLIGERA	26.0	0.87
DIATOMA TENUE V. ELONGATUM	96.5	3.25
FLAGELLATES	152.1	5.12
FRAGILARIA CAPUCINA	7.4	0.25
FRAGILARIA CROTONENSIS	693.8	23.35
FRAGILARIA INTERMEDIA	26.0	0.87
GLENODINIUM SP.	3.7	0.12
GLOEOCYSTIS SP.	37.1	1.25
GOMPHONEMA OLIVACEUM	3.7	0.12
GREEN COCCOID, UNKNOWN	7.4	0.25
GREEN FILAMENT, UNKNOWN	3.7	0.12
MELOSIRA GRANULATA	7.4	0.25
MELOSIRA ISLANDICA	211.5	7.12
MELOSIRA ITALICA	144.7	4.87
NAVICULA COSTULATA	3.7	0.12
NAVICULA GREGARIA	3.7	0.12
NITZSCHIA ACUTA	11.1	0.37
NITZSCHIA BACATA	14.8	0.50
NITZSCHIA CONFINIS	14.8	0.50
NITZSCHIA DISSIPATA	14.8	0.50
NITZSCHIA SP.	11.1	0.37
NITZSCHIA SP. #12	3.7	0.12
NITZSCHIA SP. #1	3.7	0.12
NITZSCHIA SP. #2	26.0	0.87
OSCILLATORIA SP.	18.5	0.62
RHIZOSOLENIA GRACILIS	3.7	0.12
SCENEDESMUS QUADRICAUDA	14.8	0.50
SPHAEROCYSTIS SP.	55.6	1.87
STEPHANODISCUS ALPINUS	11.1	0.37
STEPHANODISCUS HANTZSCHII	7.4	0.25
STEPHANODISCUS MINUTUS	315.3	10.61
STEPHANODISCUS SP.	44.5	1.50
STEPHANODISCUS TENUIS	422.9	14.23
STEPHANODISCUS TRANSILVANICUS	33.4	1.12
SYNEDRA FILIFORMIS	29.7	1.00
SYNEDRA OSTENFELDII	14.8	0.50
SYNEDRA SP.	11.1	0.37
SYNEDRA TENERA	14.8	0.50
SYNEDRA ULNA V. CHASEANA	7.4	0.25
TABELLARIA FENESTRATA V. INTERMEDIA	85.3	2.87
THALASSIOSIRA PSEUDONANA	3.7	0.12
ULOTHRIX SP.	7.4	0.25
TOTAL	2971.7	100.0

SDC 2-0 NO.OF FORMS = 43 DIVERSITY = 3.97
COUNTED BY: N.S.
METHOD: SEDGWICK-RAFTER

	CELLS/ML	PERCENT
ANKISTRODESMUS SP.	1.2	0.14
ASTERIONELLA FORMOSA	37.3	4.32
CRYPTOMONAS SP.	15.7	1.81
CYCLOTELLA SP.	4.8	0.56
CYCLOTELLA STELLIGERA	4.8	0.56
DIATOMA TENUE V. ELONGATUM	18.1	2.09
FLAGELLATES	192.6	22.32
FRAGILARIA CROTONENSIS	126.4	14.64
FRAGILARIA INTERMEDIA	7.2	0.84
FRAGILARIA INTERMEDIA V. FALLAX	2.4	0.28
GLOEOCYSTIS PLANCTONICA	4.8	0.56
MELOSIRA GRANULATA	21.7	2.51
MELOSIRA ISLANDICA	18.1	2.09
MELOSIRA ITALICA	48.2	5.58
MERIDION CIRCULARE	1.2	0.14
NAVICULA SP.	2.4	0.28
NITZSCHIA ACICULARIS	4.8	0.56
NITZSCHIA ACUTA	1.2	0.14
NITZSCHIA BACATA	13.2	1.53
NITZSCHIA CONFINIS	4.8	0.56
NITZSCHIA PALEACEA	1.2	0.14
NITZSCHIA SP.	2.4	0.28
NITZSCHIA SP. #2	19.3	2.23
OSCILLATORIA SP.	4.8	0.56
RHIZOSOLENIA GRACILIS	1.2	0.14
SCENEDESMUS BICELLULARIS	2.4	0.28
STEPHANODISCUS ALPINUS	27.7	3.21
STEPHANODISCUS BINDERANUS	3.6	0.42
STEPHANODISCUS MINUTUS	39.7	4.60
STEPHANODISCUS SP.	10.8	1.26
STEPHANODISCUS SUBTILIS	16.9	1.95
STEPHANODISCUS TENUIS	136.0	15.76
STEPHANODISCUS TRANSILVANICUS	4.8	0.56
SUBIRELLA ANGUSTA	1.2	0.14
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.14
SYNEDRA DEMERARAE	3.6	0.42
SYNEDRA FILIFORMIS	22.9	2.65
SYNEDRA OSTENFELDII	10.8	1.26
SYNEDRA PARASITICA V. SUBCONSTRICTA	1.2	0.14
SYNEDRA SP.	1.2	0.14
SYNEDRA ULNA V. CHASEANA	1.2	0.14
TABELLARIA FENESTRATA	12.0	1.39
TABELLARIA FENESTRATA V. INTERMEDIA	6.0	0.70
TOTAL	863.2	100.0

SDC 2-1 NO.OF FORMS = 49 DIVERSITY = 3.86
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	2.4	0.16
ANABAENA SP.	1.2	0.08
ANKISTRODESMUS SP.	10.8	0.73
ASTERIONELLA FORMOSA	101.1	6.79
COSMARIUM SP. #1	2.4	0.16
CRYPTOMONAS SP.	13.2	0.89
CYCLOTELLA OCELLATA	6.0	0.40
CYCLOTELLA SP.	2.4	0.16
CYCLOTELLA STELLIGERA	3.6	0.24
DIATOMA TENUE V. ELONGATUM	55.4	3.72
FLAGELLATES	95.1	6.39
FRAGILARIA CAPUCINA	1.2	0.08
FRAGILARIA CROTONENSIS	372.0	24.98
FRAGILARIA INTERMEDIA V. FALLAX	61.4	4.12
FRAGILARIA SP.	1.2	0.08
GLOEOCYSTIS PLANCTONICA	4.8	0.32
MELOSIRA GRANULATA	19.3	1.29
MELOSIRA ISLANDICA	66.2	4.45
MELOSIRA ITALICA	45.7	3.07
NAVICUIA SP.	2.4	0.16
NAVICULA TRIPUNCTATA	2.4	0.16
NITZSCHIA ACICULARIS	2.4	0.16
NITZSCHIA ACUTA	1.2	0.08
NITZSCHIA BACATA	27.7	1.86
NITZSCHIA CONFINIS	1.2	0.08
NITZSCHIA FONTICOLA	1.2	0.08
NITZSCHIA FRUSTULUM	1.2	0.08
NITZSCHIA PALEA	1.2	0.08
NITZSCHIA SP.	6.0	0.40
NITZSCHIA SP. (AFF. N. CONFINIS)	1.2	0.08
NITZSCHIA SP. #2	12.0	0.81
OSCILLATORIA SP.	10.8	0.73
PINNULARIA SP.	1.2	0.08
RHIZOSOLENIA GRACILIS	1.2	0.08
STEPHANODISCUS ALPINUS	15.7	1.05
STEPHANODISCUS BINDERANUS	22.9	1.54
STEPHANODISCUS MINUTUS	91.5	6.14
STEPHANODISCUS SP.	3.6	0.24
STEPHANODISCUS SUBTILIS	7.2	0.49
STEPHANODISCUS TENUIS	275.7	18.51
STEPHANODISCUS TRANSILVANICUS	8.4	0.57
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.16
SYNEDRA FILIFORMIS	51.8	3.48
SYNEDRA MINUSCULA	1.2	0.08
SYNEDRA OSTENFELDII	19.3	1.29
SYNEDRA ULNA	1.2	0.08
SYNEDRA ULNA V. CHASEANA	2.4	0.16
TABELLARIA FENESTRATA V. INTERMEDIA	45.7	3.07
THALASSIOSIRA PSEUDONANA	1.2	0.08
TOTAL	1489.2	100.0

SDC 2-3 NO.OF FORMS = 49 DIVERSITY = 3.87
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. CONSTRICTA	1.2	0.10
AMPHORA OVALIS V. LIBYCA	2.4	0.20
ANABAENA SP.	1.2	0.10
ANKISTRODESMUS FALCATUS	6.0	0.49
ANKISTRODESMUS SP.	1.2	0.10
ASTERIONELLA FORMOSA	128.8	10.46
CRYPTOMONAS SP.	3.6	0.29
CYCLOTELLA MICHIGANIANA	1.2	0.10
CYCLOTELLA OCELLATA	6.0	0.49
CYCLOTELLA SP.	1.2	0.10
DIATOMA TENUE V. ELONGATUM	3.6	0.29
FRAGILARIA CROTONENSIS	214.3	17.40
FRAGILARIA INTERMEDIA V. FALLAX	28.9	2.35
FRAGILARIA PINNATA	1.2	0.10
GLOEOCYSTIS PLANCTONICA	9.6	0.78
MELOSIRA GRANULATA	7.2	0.59
MELOSIRA ISLANDICA	44.5	3.62
MELOSIRA ITALICA	33.7	2.74
NAVICUIA CAPITATA	1.2	0.10
NAVICUIA SP.	2.4	0.20
NITZSCHIA ACICULARIS	6.0	0.49
NITZSCHIA BACATA	8.4	0.68
NITZSCHIA CONFINIS	4.8	0.39
NITZSCHIA DISSIPATA	2.4	0.20
NITZSCHIA KUETZINGIANA	1.2	0.10
NITZSCHIA PALEA	1.2	0.10
NITZSCHIA SP.	7.2	0.59
NITZSCHIA SP. (AFF. N. CONFINIS)	10.8	0.88
NITZSCHIA SP. #1	1.2	0.10
NITZSCHIA SP. #2	9.6	0.78
OSCILLATORIA LIMNETICA	27.7	2.25
RHIZOSOLENIA ERIENSIS	2.4	0.20
RHIZOSOLENIA GRACILIS	12.0	0.98
SCENEDESMUS QUADRICAUDA	4.8	0.39
SCENEDESMUS SP.	2.4	0.20
STEPHANODISCUS ALPINUS	24.1	1.96
STEPHANODISCUS BINDERANUS	27.7	2.25
STEPHANODISCUS MINUTUS	59.0	4.79
STEPHANODISCUS SP.	12.0	0.98
STEPHANODISCUS TENUIS	337.1	27.37
STEPHANODISCUS TRANSILVANICUS	10.8	0.88
SURIRELLA ANGUSTA	2.4	0.20
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.10
SYNEDRA FILIFORMIS	61.4	4.99
SYNEDRA OSTENFELDII	31.3	2.54
SYNEDRA ULNA V. CHASEANA	1.2	0.10
TABELLARIA FENESTRATA	22.9	1.86
TABELLARIA FENESTRATA V. INTERMEDIA	34.9	2.83
THALASSIOSIRA PSEUDONANA	3.6	0.29
TOTAL	1231.6	100.0

SBC 4-0 NO.OF FORMS = 61 DIVERSITY = 3.61
COUNTED BY: N.S.
METHOD: SETTLE-PREFZ

	CELLS/ML	PERCENT
AMPHORA OVALIS	1.2	0.04
AMPHORA OVALIS V. LIBYCA	1.2	0.04
AMPHORA SP.	2.4	0.09
ANABAENA FLOS-AQUAE	50.6	1.81
ANKISTRODESMUS FALCATUS	1.2	0.04
ASTERIONELLA FORMOSA	234.8	8.41
COELASTRUM SP.	43.3	1.55
COSMARIUM SP. #1	2.4	0.09
CRYPTOMONAS SP.	107.1	3.84
CYCLOTELLA AUXOSPORE	1.2	0.04
CYCLOTELLA CRYPTICA	1.2	0.04
CYCLOTELLA MENEGHINIANA V. PLANA	1.2	0.04
CYCLOTELLA MICHIGANIANA	2.4	0.09
CYCLOTELLA OCELLATA	34.9	1.25
CYCLOTELLA STELLIGERA	47.0	1.68
DIATOMA TENUE V. ELONGATUM	18.1	0.65
DINOBRYON DIVERGENS	16.9	0.60
DINOBRYON SOCIALE	7.2	0.26
DINOFLAGELLATES	10.8	0.39
FLAGELLATES	645.3	23.10
FRAGILARIA CROTONENSIS	763.3	27.33
FRAGILARIA PINNATA	1.2	0.04
GLOEOCYSTIS PLANCTONICA	79.5	2.84
GREEN FILAMENT, UNKNOWN	1.2	0.04
MELOSIRA GRANULATA	43.3	1.55
MELOSIRA ISLANDICA	3.6	0.13
MELOSIRA ITALICA	16.9	0.60
MOUGEOTIA SP.	4.8	0.17
NAVICULA CRYPTOCEPHALA V. VENETA	1.2	0.04
NAVICULA LATENS	3.6	0.13
NAVICULA SP.	1.2	0.04
NAVICULA TRIPUNCTATA V. CUNEATA	1.2	0.04
NITZSCHIA ACICULARIS	4.8	0.17
NITZSCHIA CONFINIS	7.2	0.26
NITZSCHIA KUETZINGIANA	2.4	0.09
NITZSCHIA SP.	8.4	0.30
NITZSCHIA SP. #10	1.2	0.04
NITZSCHIA SP. #2	1.2	0.04
OSCILLATORIA LIMNETICA	1.2	0.04
OSCILLATORIA RETZII	2.4	0.09
PERIDINIUM SP.	2.4	0.09
RHIZOSOLENIA ERIENSIS	3.6	0.13
RHIZOSOLENIA GRACILIS	6.0	0.22
SCENEDESMUS ACUMINATUS	4.8	0.17
SCENEDESMUS BICELLULARIS	4.8	0.17
SCENEDESMUS QUADRICAUDA V. LONGISPINA	9.6	0.34
SCENEDESMUS QUADRICAUDA	9.6	0.34
SCENEDESMUS SP.	21.7	0.78
STEPHANODISCUS ALPINUS	51.8	1.85
STEPHANODISCUS BINDERANUS	10.8	0.39
STEPHANODISCUS MINUTUS	71.0	2.54
STEPHANODISCUS SP.	3.6	0.13
STEPHANODISCUS SUBTILIS	9.6	0.34
STEPHANODISCUS TENUIS	27.7	0.99
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	9.6	0.34
SYNEDRA DEMERARAE	6.0	0.22
SYNEDRA FILIFORMIS	39.7	1.42
SYNEDRA TENERA	1.2	0.04
SYNEDRA ULNA V. CHAETANA	4.8	0.17
TABELLARIA FENESTRATA V. INTERMEDIA	292.5	10.47
TABELLARIA FLOCCULOSA	21.7	0.78
TOTAL	2793.0	100.0

SIC 4-1 NO.OF FORMS = 48 DIVERSITY = 4.03
COUNTED BY: N.S.
METHOD: SEDGLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	144.5	6.43
ANACYSTIS THERMALIS	24.1	1.07
ANKISTRODESMUS FALCATUS	14.4	0.64
ASTERIONELLA FORMOSA	103.5	4.61
COSMARIUM SP. #1	2.4	0.11
CRYPTOMONAS SP.	26.5	1.18
CYCLOTELLA COMTA V. ECDANICA	2.4	0.11
CYCLOTELLA MICHIGANIANA	7.2	0.32
CYCLOTELLA OCELLATA	19.3	0.86
CYCLOTELLA STELLIGERA	14.4	0.64
CYMBELIA SP.	2.4	0.11
DIATOMA TENUE V. ELONGATUM	7.2	0.32
FLAGELLATES	373.2	16.61
FRAGILARIA CROTONENSIS	419.0	18.65
FRAGILARIA VAUCHERIAE	2.4	0.11
GLOEOCYSTIS PLANCTONICA	139.7	6.22
MELOSIRA GRANULATA	4.8	0.21
MELOSIRA ISLANDICA	28.9	1.29
MELOSIRA ITALICA	33.7	1.50
NAVICULA MENISCULUS V. UPSALIENSIS	2.4	0.11
NITZSCHIA ACICULARIS	2.4	0.11
NITZSCHIA ACUTA	4.8	0.21
NITZSCHIA BACATA	40.9	1.82
NITZSCHIA CONFINIS	2.4	0.11
NITZSCHIA DISSIPATA	2.4	0.11
NITZSCHIA KUETZINGIANA	2.4	0.11
NITZSCHIA PALEACEA	2.4	0.11
NITZSCHIA SP. (AFF. N. CONFINIS)	7.2	0.32
NITZSCHIA SP. #2	12.0	0.54
OSCILLATORIA LIMNETICA	14.4	0.64
RHIZOSCLENIA ERIENSIS	4.8	0.21
RHIZOSCLENIA GRACILIS	2.4	0.11
SCENEDESMUS BICELLULARIS	4.8	0.21
SCENEDESMUS QUADRICAUDA	9.6	0.43
STEPHANODISCUS ALPINUS	24.1	1.07
STEPHANODISCUS HANTZSCHII	53.0	2.36
STEPHANODISCUS MINUTUS	199.8	8.90
STEPHANODISCUS SP.	2.4	0.11
STEPHANODISCUS SUBTILIS	24.1	1.07
STEPHANODISCUS TENUIS	226.3	10.08
STEPHANODISCUS TRANSILVANICUS	2.4	0.11
SYNEDRA DEMERARAE	120.4	5.36
SYNEDRA FILIFORMIS	26.5	1.18
SYNEDRA OSTENFELDII	43.3	1.93
SYNEDRA ULNA V. CHASEANA	12.0	0.54
TABELLARIA FENESTRATA	7.2	0.32
TABELLARIA FENESTRATA V. INTERMEDIA	16.9	0.75
THALASSIOSIRA PSEUDONANA	2.4	0.11
TOTAL	2246.5	100.0

SDC 4-2 NO.OF FORMS = 42 DIVERSITY = 3.96
COUNTED BY: D.R.
METHOD: SEDGLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES MINUTISSIMA	3.7	0.14
AMPHIPLEURA PELLUCIDA	7.4	0.29
AMPHORA OVALIS V. PEDICULUS	3.7	0.14
ASTERIONELLA FORMOSA	159.5	6.17
CRYPTOMONAS SP.	29.7	1.15
CYCLOTELLA MENEGHINIANA	3.7	0.14
CYCLOTELLA OCELLATA	3.7	0.14
CYCLOTELLA SP.	11.1	0.43
CYCLOTELLA STELLIGERA	26.0	1.00
CYMATOPLEURA SOLEA V. APICULATA	3.7	0.14
DACTYLOCOCCOPSIS SP.	22.3	0.86
DIATOMA TENUE V. ELONGATUM	48.2	1.87
FLAGELLATES	378.4	14.63
FRAGILARIA CROTONENSIS	608.4	23.53
GLOEOCYSTIS SP.	26.0	1.00
MELOSIRA ISLANDICA	200.3	7.75
MELOSIRA ITALICA	63.1	2.44
NITZSCHIA ACICULARIS	7.4	0.29
NITZSCHIA BACATA	11.1	0.43
NITZSCHIA DISSIPATA	3.7	0.14
NITZSCHIA RECTA	3.7	0.14
NITZSCHIA SP. #1	3.7	0.14
NITZSCHIA SP. #2	55.6	2.15
OSCILLATORIA SP.	26.0	1.00
RHIZOSCLENIA ERIENSIS	7.4	0.29
RHIZOSCLENIA GRACILIS	26.0	1.00
STEPHANODISCUS ALPINUS	14.8	0.57
STEPHANODISCUS ASTRAEA	3.7	0.14
STEPHANODISCUS BINDERANUS	22.3	0.86
STEPHANODISCUS MINUTUS	241.1	9.33
STEPHANODISCUS SP.	85.3	3.30
STEPHANODISCUS TENUIS	196.6	7.60
STEPHANODISCUS TRANSILVANICUS	11.1	0.43
SURIRELLA ANGUSTA	3.7	0.14
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	18.5	0.72
SYNEDRA FILIFORMIS	63.1	2.44
SYNEDRA OSTENFELDII	22.3	0.86
SYNEDRA SP.	11.1	0.43
SYNEDRA TENERA	40.8	1.58
SYNEDRA ULNA V. CHASEANA	14.8	0.57
TABELLARIA FENESTRATA V. INTERMEDIA	89.0	3.44
ULOTHRIX SP.	3.7	0.14
TOTAL	2585.9	100.0

SDC 4-4 NO.OF FORMS = 36 DIVERSITY = 3.77
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.26
ASTERIONELLA FORMOSA	12.0	2.57
CRYPTOMONAS SP.	9.6	2.05
CYCLOTELLA OCELLATA	4.8	1.03
CYCLOTELLA SP.	3.6	0.77
CYCLOTELLA STELLIGERA	2.4	0.51
DACTYLOCOCCOPSIS SP.	0.6	0.13
DIATOMA TENUE V. ELONGATUM	1.2	0.26
FLAGELLATES	60.8	12.97
FRAGILARIA CROTONENSIS	12.0	2.57
FRAGILARIA INTERMEDIA V. FALLAX	5.4	1.16
FRAGILARIA PINNATA V. LANCETTULA	0.6	0.13
GREEN FILAMENT, UNKNOWN	0.6	0.13
MELOSIRA GRANULATA	1.8	0.39
MELOSIRA ISLANDICA	15.1	3.21
MELOSIRA ITALICA	55.4	11.81
NITZSCHIA ACICULARIS	4.2	0.90
NITZSCHIA BACATA	6.0	1.28
NITZSCHIA CONFINIS	2.4	0.51
NITZSCHIA DISSIPATA	3.6	0.77
NITZSCHIA PALEA	0.6	0.13
NITZSCHIA SPICULOIDES	2.4	0.51
NITZSCHIA SP.	5.4	1.16
NITZSCHIA SP. #2	1.8	0.39
NITZSCHIA SP. #8	0.6	0.13
OSCILLATORIA SP.	1.2	0.26
RHIZOSOLENIA EBIENSIS	1.8	0.39
RHIZOSOLENIA GRACILIS	11.4	2.44
STEPHANODISCUS ALPINUS	13.2	2.82
STEPHANODISCUS MINUTUS	57.8	12.32
STEPHANODISCUS TENUIS	37.3	7.96
STEPHANODISCUS TRANSILVANICUS	5.4	1.16
SYNEDRA FILIFORMIS	114.4	24.39
SYNEDRA OSTENFELDII	7.8	1.67
SYNEDRA ULNA V. CHASEANA	2.4	0.51
THALASSIOSIRA PSEUDONANA	1.8	0.39
TOTAL	469.2	100.0

SDC 7-1 NO.OF FORMS = 47 DIVERSITY = 3.73
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	11.1	0.24
ANKISTRODESMUS SP. #1	7.4	0.16
ANKISTRODESMUS SP. #3	7.4	0.16
ASTERIONELLA FORMOSA	293.1	6.40
CRYPTOMONAS SP.	48.2	1.05
CYCLOTELLA OCELLATA	14.8	0.32
CYCLOTELLA SP.	33.4	0.73
CYCLOTELLA STELLIGERA	14.8	0.32
CYMATOPLEURA SOLEA	7.4	0.16
DACTYLOCOCCOPSIS SP.	3.7	0.08
DIATOMA TENUE V. ELONGATUM	115.0	2.51
FLAGELLATES	682.6	14.91
FRAGILARIA CONSTRUENS	7.4	0.16
FRAGILARIA CROTONENSIS	1372.7	29.98
FRAGILARIA INTERMEDIA	133.6	2.92
GLOEOCYSTIS SP.	126.1	2.76
GREEN FILAMENT, UNKNOWN	3.7	0.08
MELOSIRA ISLANDICA	189.2	4.13
MELOSIRA ITALICA	129.8	2.84
NAVICULA GREGARIA	3.7	0.08
NAVICULA SP.	3.7	0.08
NITZSCHIA ACICULARIS	3.7	0.08
NITZSCHIA ACICULAROIDES	3.7	0.08
NITZSCHIA ACUTA	18.5	0.41
NITZSCHIA BACATA	37.1	0.81
NITZSCHIA CONFINIS	14.8	0.32
NITZSCHIA DISSIPATA	3.7	0.08
NITZSCHIA SP.	14.8	0.32
NITZSCHIA SP. #2	40.8	0.89
OSCILLATORIA SP.	3.7	0.08
RHIZOSOLENIA GRACILIS	3.7	0.08
STEPHANODISCUS ALPINUS	3.7	0.08
STEPHANODISCUS BINDERANUS	100.2	2.19
STEPHANODISCUS HANTZSCHII	3.7	0.08
STEPHANODISCUS MINUTUS	278.3	6.08
STEPHANODISCUS SP.	59.4	1.30
STEPHANODISCUS TENUIS	456.3	9.97
STEPHANODISCUS TRANSILVANICUS	111.3	2.43
SYNEDRA CYCLOPUM	3.7	0.08
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.16
SYNEDRA FILIFORMIS	22.3	0.49
SYNEDRA OSTENFELDII	33.4	0.73
SYNEDRA SP.	11.1	0.24
SYNEDRA TENERA	26.0	0.57
SYNEDRA ULNA V. CHASEANA	14.8	0.32
TABELLARIA FENESTRATA V. INTERMEDIA	89.0	1.94
ULOTHRIX SP.	3.7	0.08
TOTAL	4578.1	100.0

SDC 7-3 NO.OF FORMS = 43 DIVERSITY = 4.10
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANKISTRODESMUS FALCATUS	1.2	0.05
ASTERIONELLA FORMOSA	126.4	5.57
CRYPTOMONAS SP.	15.7	0.69
CYCLOTELLA OCELLATA	13.2	0.58
CYCLOTELLA SP.	18.1	0.80
CYCLOTELLA STELLIGERA	8.4	0.37
DIATOMA TENUE V. ELONGATUM	69.8	3.08
FLAGELLATES	323.8	14.28
FRAGILARIA CROTONENSIS	368.4	16.24
FRAGILARIA INTERMEDIA V. FALLAX	66.2	2.92
FRAGILARIA PINNATA	2.4	0.11
GLOEOCYSTIS PLANCTONICA	16.9	0.74
MELOSIRA ISLANDICA	98.7	4.35
MELOSIRA ITALICA	73.4	3.24
MERIDION CIRCULARE	2.4	0.11
NAVICULA SP.	2.4	0.11
NITZSCHIA ACICULARIS	4.8	0.21
NITZSCHIA BACATA	22.9	1.01
NITZSCHIA CONFINIS	6.0	0.27
NITZSCHIA DISSIPATA	2.4	0.11
NITZSCHIA KUETZINGIANA	1.2	0.05
NITZSCHIA RECTA	3.6	0.16
NITZSCHIA SP.	13.2	0.58
NITZSCHIA SP. (AFF. N. CONFINIS)	3.6	0.16
NITZSCHIA SP. #1	2.4	0.11
NITZSCHIA SP. #2	18.1	0.80
OSCILLATORIA LIMNETICA	10.8	0.48
RHIZOSOLENIA GRACILIS	14.4	0.64
STEPHANODISCUS ALPINUS	34.9	1.54
STEPHANODISCUS BINDERANUS	50.6	2.23
STEPHANODISCUS MINUTUS	198.6	8.76
STEPHANODISCUS SP.	13.2	0.58
STEPHANODISCUS SUBTILIS	14.4	0.64
STEPHANODISCUS TENUIS	309.4	13.64
STEPHANODISCUS TRANSILVANICUS	16.9	0.74
SURIRELLA ANGUSTA	1.2	0.05
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	6.0	0.27
SYNEDRA FILIFORMIS	151.7	6.69
SYNEDRA OSTENFELDII	53.0	2.34
SYNEDRA ULNA V. CHASEANA	7.2	0.32
TABELLARIA FENESTRATA	30.1	1.33
TABELLARIA FENESTRATA V. INTERMEDIA	34.9	1.54
THALASSIOSIRA PSEUDONANA	34.9	1.54
TOTAL	2268.1	100.0

SDC 7-5 NO.OF FORMS = 42 DIVERSITY = 4.02
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA SP.	1.2	0.14
ANKISTRODESMUS FALCATUS V. STIPITATUS	2.4	0.28
ASTERIONELLA FORMOSA	15.7	1.82
CRYPTOMONAS SP.	13.2	1.54
CYCLOTELLA MICHIGANIANA	3.6	0.42
CYCLOTELLA OCELLATA	9.6	1.12
CYCLOTELLA SP.	4.8	0.56
CYCLOTELLA STELLIGERA	20.5	2.38
CYMATOPLEURA SOLEA	1.2	0.14
DIATOMA TENUE V. ELONGATUM	4.8	0.56
FLAGELLATES	161.3	18.79
FRAGILARIA CONSTRUENS V. VENTER	1.2	0.14
FRAGILARIA CROTONENSIS	68.6	7.99
GLOEOCYSTIS PLANCTONICA	2.4	0.28
MELOSIRA ISLANDICA	36.1	4.21
MELOSIRA ITALICA	44.5	5.19
NAVICULA RADIOSA V. TENELLA	1.2	0.14
NAVICULA SP.	1.2	0.14
NITZSCHIA ACICULARIS	1.2	0.14
NITZSCHIA ACUTA	2.4	0.28
NITZSCHIA BACATA	6.0	0.70
NITZSCHIA CONFINIS	4.8	0.56
NITZSCHIA DISSIPATA	2.4	0.28
NITZSCHIA PALEA	4.8	0.56
NITZSCHIA SP.	1.2	0.14
NITZSCHIA SP. #1	1.2	0.14
NITZSCHIA SP. #2	10.8	1.26
RHIZOSOLENIA ERIENSIS	1.2	0.14
RHIZOSOLENIA GRACILIS	25.3	2.95
SCENEDESMUS BICELLULARIS	7.2	0.84
STEPHANODISCUS ALPINUS	51.8	6.03
STEPHANODISCUS MINUTUS	66.2	7.71
STEPHANODISCUS SP.	1.2	0.14
STEPHANODISCUS SUBTILIS	34.9	4.07
STEPHANODISCUS TENUIS	134.8	15.71
STEPHANODISCUS TRANSILVANICUS	3.6	0.42
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.28
SYNEDRA FILIFORMIS	79.5	9.26
SYNEDRA OSTENFELDII	7.2	0.84
SYNEDRA ULNA V. CHASEANA	6.0	0.70
TABELLARIA FENESTRATA V. INTERMEDIA	7.2	0.84
THALASSIOSIRA PSEUDONANA	1.2	0.14
TOTAL	858.4	100.0

PHYTOPLANKTON COLLECTIONS, 11 JULY 1974

DC-0 NO.OF FORMS = 48 DIVERSITY = 4.15
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	3.7	0.32
ANABAENA FLOS-AQUAE	1.9	0.16
ASTERIONELLA FORMOSA	90.9	7.84
CHROOCOCCUS SP.	7.4	0.64
CRYPTOMONAS SP.	1.9	0.16
CYCLOTELLA COMTA	1.9	0.16
CYCLOTELLA OCELLATA	16.7	1.44
CYCLOTELLA SP.	5.6	0.48
CYCLOTELLA STELLIGERA	27.8	2.40
DIATOMA TENUE V. ELONGATUM	13.0	1.12
DINOBRYON DIVERGENS	31.5	2.72
FLAGELLATES	129.8	11.20
FRAGILARIA CAPUCINA	46.4	4.00
FRAGILARIA CROTONENSIS	293.1	25.28
GLENODINIUM SP.	1.9	0.16
GLOEOCYSTIS SP.	9.3	0.80
GREEN COCCOID, UNKNOWN	7.4	0.64
GREEN FILAMENT, UNKNOWN	1.9	0.16
MELOSIRA GRANULATA	14.8	1.28
MELOSIRA ITALICA	26.0	2.24
NOUGEOTIA SP.	3.7	0.32
NAVICULA LATENS	1.9	0.16
NITZSCHIA ACICULARIS	16.7	1.44
NITZSCHIA BACATA	3.7	0.32
NITZSCHIA PALEA	5.6	0.48
NITZSCHIA PALEACEA	1.9	0.16
NITZSCHIA SPICULOIDES	5.6	0.48
NITZSCHIA SP.	1.9	0.16
NITZSCHIA SP. (AFF. N. CONFINIS)	3.7	0.32
OSCILLATORIA SP.	5.6	0.48
PEDIASTRUM SCULPTATUM	1.9	0.16
RHIZOSOLENIA ERIENSIS	14.8	1.28
RHIZOSOLENIA GRACILIS	50.1	4.32
SCENEDESMUS BICELLULARIS	14.8	1.28
SCENEDESMUS SP.	7.4	0.64
STEPHANODISCUS ALPINUS	20.4	1.76
STEPHANODISCUS AUXOSPORE	1.9	0.16
STEPHANODISCUS HANTZSCHII	1.9	0.16
STEPHANODISCUS MINUTUS	13.0	1.12
STEPHANODISCUS SP.	27.8	2.40
STEPHANODISCUS SUBTILIS	1.9	0.16
STEPHANODISCUS TENUIS	26.0	2.24
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.9	0.16
SYNEDRA FILIFORMIS	40.8	3.52
SYNEDRA ULNA V. CHASEANA	9.3	0.80
TABELLARIA FENESTRATA V. INTERMEDIA	126.1	10.88
THALASSIOSIRA PSEUDONANA	5.6	0.48
ULOTHRIX SP.	11.1	0.96
TOTAL	1159.4	100.0

DC-1 NO.OF FORMS = 51 DIVERSITY = 3.94
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANKISTRODESMUS SP. #1	1.9	0.11
ASTERIONELLA FORMOSA	74.2	4.57
COELOSPHAERIUM SP.	1.9	0.11
COSMARIUM SP. #1	1.9	0.11
CRYPTOMONAS SP.	40.8	2.51
CYCLOTELLA MENEGHINIANA	1.9	0.11
CYCLOTELLA MICHIGANIANA	1.9	0.11
CYCLOTELLA OCELLATA	20.4	1.26
CYCLOTELLA STELLIGERA	48.2	2.97
DIATOMA TENUE V. ELONGATUM	13.0	0.80
DINOBRYON DIVERGENS	5.6	0.34
FLAGELLATES	371.0	22.83
FRAGILARIA CAPUCINA	68.6	4.22
FRAGILARIA CROTONENSIS	341.3	21.00
GLOEOCYSTIS SP.	7.4	0.46
GOMPHOSPHAERIA WICHURE	1.9	0.11
GREEN FILAMENT, UNKNOWN	1.9	0.11
MELOSIRA GRANULATA	7.4	0.46
MELOSIRA ISLANDICA	26.0	1.60
MELOSIRA ITALICA	18.5	1.14
NAVICULA CUSPIDATA	1.9	0.11
NITZSCHIA ACICULARIS	18.5	1.14
NITZSCHIA BACATA	1.9	0.11
NITZSCHIA CONFINIS	1.9	0.11
NITZSCHIA DISSIPATA	3.7	0.23
NITZSCHIA KUETZINGIANA	3.7	0.23
NITZSCHIA PALEA	1.9	0.11
OSCILLATORIA SP.	7.4	0.46
RHIZOSOLENIA ERIENSIS	16.7	1.03
RHIZOSOLENIA GRACILIS	42.7	2.63
SCENEDESMUS BICELLULARIS	14.8	0.91
SCENEDESMUS QUADRICAUDA V. LONGISPINA	9.3	0.57
SCENEDESMUS QUADRICAUDA	7.4	0.46
STEPHANODISCUS ALPINUS	16.7	1.03
STEPHANODISCUS MINUTUS	94.6	5.82
STEPHANODISCUS SP.	9.3	0.57
STEPHANODISCUS SUBTILIS	1.9	0.11
STEPHANODISCUS TENUIS	20.4	1.26
SURIRELLA ANGUSTA	1.9	0.11
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.9	0.11
SYNEDRA FILIFORMIS	37.1	2.28
SYNEDRA MINUSCULA	1.9	0.11
SYNEDRA MONTANA	1.9	0.11
SYNEDRA OSTENFELDII	5.6	0.34
SYNEDRA SP.	3.7	0.23
SYNEDRA ULNA	1.9	0.11
SYNEDRA ULNA V. CHASEANA	11.1	0.68
TABELLARIA FENESTRATA V. INTERMEDIA	166.9	10.27
TABELLARIA FLOCCULOSA	5.6	0.34
THALASSIOSIRA PSEUDONANA	42.7	2.63
ULOTHRIX SP.	13.0	0.80
TOTAL	1625.0	100.0

DC-2 NO.OF FORMS = 47 DIVERSITY = 3.62
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	1.9	0.36
ANKISTRODESMUS SP. #5	3.7	0.72
ASTERIONELLA FORMOSA	31.6	6.14
COSMARIUM SP. #1	2.8	0.54
CRYPTOMONAS SP.	8.4	1.62
CYCLOTELLA COMTA	8.4	1.62
CYCLOTELLA PSEUDOSTELLIGERA	0.9	0.18
CYCLOTELLA SP.	0.9	0.18
CYCLOTELLA STELLIGERA	10.2	1.99
DACTYLOCOCCOPSIS FASCICULARIS	3.7	0.72
DIATOMA TENUE V. ELONGATUM	4.6	0.90
DINOBRYON DIVERGENS	7.4	1.44
FLAGELLATES	206.9	40.25
FRAGILARIA CAPUCINA	0.9	0.18
FRAGILARIA CROTONENSIS	59.4	11.55
FRAGILARIA PINNATA V. LANCETTULA	0.9	0.18
GLOEOCYSTIS SP.	5.6	1.08
GREEN COCCOID, UNKNOWN	9.3	1.81
GREEN FILAMENT, UNKNOWN	0.9	0.18
MELOSIRA DISTANS V. ALPIGENA	0.9	0.18
MELOSIRA GRANULATA	11.1	2.17
MELOSIRA ISLANDICA	1.9	0.36
MELOSIRA ITALICA	2.8	0.54
MOUGEOTIA SP.	0.9	0.18
NAVICULA TRIPUNCTATA	0.9	0.18
NITZSCHIA ACICULARIS	0.9	0.18
NITZSCHIA BACATA	0.9	0.18
NITZSCHIA CONFINIS	0.9	0.18
NITZSCHIA SP.	0.9	0.18
PEDIASTRUM SP.	0.9	0.18
RHIZOSCLENIA FRIENSIS	0.9	0.18
RHIZOSCLENIA GRACILIS	11.1	2.17
SCENEDESMUS BICELLULARIS	13.0	2.53
SCENEDESMUS QUADRICAUDA	1.9	0.36
SCHROEDERIA JUDAYI	0.9	0.18
STEPHANODISCUS ALPINUS	4.6	0.90
STEPHANODISCUS MINUTUS	21.3	4.15
STEPHANODISCUS SP.	0.9	0.18
STEPHANODISCUS SUBTILIS	0.9	0.18
STEPHANODISCUS TENUIS	9.3	1.81
SYNEDRA FILIFORMIS	4.6	0.90
SYNEDRA MONIANA	0.9	0.18
SYNEDRA ULNA V. CHASEANA	0.9	0.18
TABELLARIA FENESTRATA V. INTERMEDIA	18.6	3.61
TETRAEDRON MINIMUM	0.9	0.18
THALASSIOSIRA PSEUDONANA	26.0	5.05
ULOTHRIX SP.	5.6	1.08
TOTAL	514.1	100.0

DC-3 NO.OF FORMS = 38 DIVERSITY = 3.30
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	0.9	0.16
ASTERIONELLA FORMOSA	29.7	5.04
COSMARIUM SP. #1	7.4	1.26
CRUCIGENIA QUADRATA	59.4	10.08
CRYPTOMONAS SP.	4.6	0.79
CYCLOTELLA COMTA	1.9	0.31
CYCLOTELLA MENEGHINIANA	0.9	0.16
CYCLOTELLA OCELLATA	8.4	1.42
CYCLOTELLA SP.	0.9	0.16
CYCLOTELLA STELLIGERA	5.6	0.94
DACTYLOCOCCOPSIS SP.	0.9	0.16
DIATOMA TENUE	0.9	0.16
DIATOMA TENUE V. ELONGATUM	0.9	0.16
DINOBRYON DIVERGENS	2.8	0.47
FLAGELLATES	125.3	21.26
FRAGILARIA CROTONENSIS	201.4	34.17
FRAGILARIA INTERMEDIA	20.4	3.46
GLOEOCYSTIS SP.	3.7	0.63
GREEN COCCOID, UNKNOWN	11.1	1.89
GREEN FILAMENT, UNKNOWN	0.9	0.16
MELOSIRA GRANULATA	5.6	0.94
NITZSCHIA ACICULARIS	0.9	0.16
NITZSCHIA SP.	0.9	0.16
OSCILLATORIA SP.	0.9	0.16
RHIZOSCLENIA FRIENSIS	0.9	0.16
RHIZOSCLENIA GRACILIS	16.7	2.83
SCENEDESMUS BICELLULARIS	3.7	0.63
SCENEDESMUS QUADRICAUDA	3.7	0.63
SCENEDESMUS SP.	5.6	0.94
STEPHANODISCUS ALPINUS	0.9	0.16
STEPHANODISCUS MINUTUS	1.9	0.31
STEPHANODISCUS TENUIS	19.5	3.31
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	0.9	0.16
SYNEDRA ULNA	1.9	0.31
TABELLARIA FENESTRATA V. INTERMEDIA	31.6	5.35
TABELLARIA FLOCCULOSA	0.9	0.16
THALASSIOSIRA PSEUDONANA	3.7	0.63
ULOTHRIX SP.	0.9	0.16
TOTAL	589.3	100.0

DC-4 NO.OF FORMS = 41 DIVERSITY = 3.85
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.9	0.19
ANABAENA FLOS-AQUAE	1.9	0.19
ANABAENA SP.	3.7	0.38
ANKISTRODESMUS GELIFACTUM	16.7	1.71
ANKISTRODESMUS SP. #1	1.9	0.19
ANKISTRODESMUS SP. #3	1.9	0.19
ASTERIONELLA FORMOSA	50.1	5.14
COSMARIUM SP. #1	3.7	0.38
CRUCIGENIA QUADRATA	18.5	1.90
CRYPTOMONAS SP.	24.1	2.48
CYCLOTELLA MENEGHINIANA	3.7	0.38
CYCLOTELLA OCELLATA	13.0	1.33
CYCLOTELLA SP.	1.9	0.19
CYCLOTELLA STELLIGERA	18.5	1.90
DIATOMA TENUE V. ELONGATUM	9.3	0.95
DINOBRYON DIVERGENS	11.1	1.14
FLAGELLATES	209.6	21.52
FRAGILARIA CROTONENSIS	220.7	22.67
FRAGILARIA INTERMEDIA	7.4	0.76
GLENODINIUM SP.	1.9	0.19
GLOEOCYSTIS PLANCTONICA	79.8	8.19
GLOEOCYSTIS SP.	7.4	0.76
GREEN COCCOID, UNKNOWN	59.4	6.10
GREEN FILAMENT, UNKNOWN	9.3	0.95
MELOSIRA GRANULATA	5.6	0.57
RHIZOSOLENIA GRACILIS	1.9	0.19
SCENEDESMUS QUADRICAUDA V. LONGISPINA	7.4	0.76
SCENEDESMUS QUADRICAUDA	7.4	0.76
STEPHANODISCUS ALPINUS	1.9	0.19
STEPHANODISCUS MINUTUS	11.1	1.14
STEPHANODISCUS SP.	1.9	0.19
STEPHANODISCUS SUBTILIS	7.4	0.76
STEPHANODISCUS TENUIS	66.8	6.86
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.9	0.19
SYNEDRA DEMERARAE	1.9	0.19
SYNEDRA FILIFORMIS	22.3	2.29
TABELLARIA FENESTRATA V. INTERMEDIA	33.4	3.43
TETRAEDRON CAUDATUM V. LONGISPINA	1.9	0.19
TETRAEDRON PENTAEDRICUM	1.9	0.19
THALASSIOSIRA PSEUDONANA	20.4	2.10
ULOTHRIX SP.	1.9	0.19
TOTAL	973.9	100.0

DC-5 NO.OF FORMS = 31 DIVERSITY = 3.46
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	2.4	0.29
ASTERIONELLA FORMOSA	36.1	4.35
CYCLOTELLA COMTA	1.2	0.14
CYCLOTELLA MENEGHINIANA V. PLANA	4.8	0.58
CYCLOTELLA MICHIGANIANA	3.6	0.43
CYCLOTELLA OCELLATA	34.9	4.20
CYCLOTELLA SP.	15.7	1.88
CYCLOTELLA STELLIGERA	12.0	1.45
DINOBRYON DIVERGENS	12.0	1.45
FRAGILARIA CROTONENSIS	173.4	20.87
FRAGILARIA INTERMEDIA	18.1	2.17
MELOSIRA GRANULATA	48.2	5.80
NITZSCHIA CONFINIS	1.2	0.14
NITZSCHIA DISSIPATA	2.4	0.29
NITZSCHIA KUETZINGIANA	1.2	0.14
NITZSCHIA PALEA	3.6	0.43
NITZSCHIA SP.	6.0	0.72
PEDIASTRUM DUPLEX V RETICULATUM	1.2	0.14
RHIZOSOLENIA GRACILIS	1.2	0.14
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.8	0.58
SCENEDESMUS WISCONSINENSIS	4.8	0.58
STEPHANODISCUS ALPINUS	3.6	0.43
STEPHANODISCUS BINDERANUS	1.2	0.14
STEPHANODISCUS MINUTUS	95.1	11.45
STEPHANODISCUS SUBTILIS	47.0	5.65
STEPHANODISCUS TENUIS	197.4	23.77
SYNEDRA FILIFORMIS	2.4	0.29
SYNEDRA ULNA	1.2	0.14
TABELLARIA FENESTRATA V. INTERMEDIA	2.4	0.29
THALASSIOSIRA PSEUDONANA	84.3	10.14
ULOTHRIX SP.	7.2	0.87
TOTAL	830.7	100.0

DC-6 NO.OF FORMS = 44 DIVERSITY = 4.06
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. PEDICULUS	3.7	0.14
ANABAENA FLOS-AQUAE	3.7	0.14
ANKISTRODESMUS SP.	3.7	0.14
ASTERIONELLA FORMOSA	51.9	2.01
COSMARIUM SP. #1	11.1	0.43
CRYPTOMONAS SP.	3.7	0.14
CYCLOTELLA COMTA	3.7	0.14
CYCLOTELLA CRYPTICA	11.1	0.43
CYCLOTELLA MICHIGANIANA	14.8	0.58
CYCLOTELLA OCELLATA	40.8	1.58
CYCLOTELLA SP.	18.5	0.72
CYCLOTELLA STELLIGERA	81.6	3.17
CYMBELLA AMPHICEPHALA	3.7	0.14
DESMIDIUM SCHWARTZII	111.3	4.32
DINOBRYON DIVERGENS	29.7	1.15
EUASTROPSIS RICHTERI	14.8	0.58
FLAGELLATES	348.7	13.53
FRAGILARIA CROTONENSIS	467.5	18.13
GLENODINIUM SP.	11.1	0.43
GLOEOCYSTIS SP.	3.7	0.14
GREEN FILAMENT, UNKNOWN	18.5	0.72
MARSSONIELLA ELEGANS	44.5	1.73
MELOSIRA GRANULATA	48.2	1.87
NEPHROCYTIUM AGARDHIANUM	37.1	1.44
NITZSCHIA ACICULARIS	3.7	0.14
NITZSCHIA KUETZINGIANA	3.7	0.14
OOCYSTIS SP.	14.8	0.58
PANDORINA MORUM	74.2	2.88
PERIDINIUM SP.	14.8	0.58
SCENEDESMUS BICELLULARIS	44.5	1.73
SCENEDESMUS FALCATUS	14.8	0.58
SCENEDESMUS QUADRICAUDA V. LONGISPINA	14.8	0.58
SPHAEROCYSTIS SCHROETERI	148.4	5.76
STEPHANODISCUS MINUTUS	96.5	3.74
STEPHANODISCUS SP.	22.3	0.86
STEPHANODISCUS SUBTILIS	22.3	0.86
STEPHANODISCUS TENUIS	282.0	10.94
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.14
SYNEDRA FILIFORMIS	11.1	0.43
SYNEDRA ULNA V. CHASEANA	3.7	0.14
TABELLARIA FENESTRATA V. INTERMEDIA	11.1	0.43
TETRAEDRON CAUDATUM V. LONGISPINA	11.1	0.43
TRIBARDRON TRIGONUM V. SETIGERUM	14.8	0.58
THALASSIOSIRA PSEUDONANA	373.4	14.68
TOTAL	2578.4	100.0

NDC.5-6 NO.OF FORMS = 59 DIVERSITY = 4.07
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	4.8	0.28
AMPHORA OVALIS V. PEDICULUS	2.4	0.14
AMPHORA SP.	1.2	0.07
ANKISTRODESMUS FALCATUS	1.2	0.07
ASTERIONELLA FORMOSA	115.6	6.77
COSMARIUM SP. #1	2.4	0.14
CRYPTOMONAS SP.	67.4	3.95
CYCLOTELLA MENEGHINIANA	7.2	0.42
CYCLOTELLA MICHIGANIANA	3.6	0.21
CYCLOTELLA OCELLATA	33.7	1.97
CYCLOTELLA STELLIGERA	13.2	0.78
DIATOMA TENUE V. ELONGATUM	8.4	0.49
DINOBRYON DIVERGENS	26.5	1.55
DINOFLAGELLATES	6.0	0.35
EUDORINA SP.	12.0	0.71
FLAGELLATES	130.0	7.62
FRAGILARIA BREVISTRIATA	2.4	0.14
FRAGILARIA CAPUCINA	4.8	0.28
FRAGILARIA CROTONENSIS	564.6	33.07
FRAGILARIA PINNATA	2.4	0.14
GLOEOCYSTIS PLANCTONICA	38.5	2.26
GREEN FILAMENT, UNKNOWN	4.8	0.28
MELOSIRA DISTANS	2.4	0.14
MELOSIRA GRANULATA	31.3	1.83
MELOSIRA ISLANDICA	12.0	0.71
MELOSIRA ITALICA	40.9	2.40
MELOSIRA SP.	3.6	0.21
NAVICULA LATENS	1.2	0.07
NITZSCHIA ACICULARIS	1.2	0.07
NITZSCHIA ACUTA	2.4	0.14
NITZSCHIA CONFINIS	12.0	0.71
NITZSCHIA PALEACEA	1.2	0.07
NITZSCHIA SPICULOIDES	1.2	0.07
NITZSCHIA SP.	2.4	0.14
NITZSCHIA SP. #1	2.4	0.14
OOCYSTIS SP.	4.8	0.28
OSCILLATORIA LIMNETICA	6.0	0.35
OSCILLATORIA SP.	2.4	0.14
RHIZOSOLENIA ERIENSIS	3.6	0.21
RHIZOSOLENIA GRACILIS	4.8	0.28
SCENEDESMUS BICELLULARIS	7.2	0.42
SCENEDESMUS QUADRICAUDA	21.7	1.27
SCENEDESMUS SP.	4.8	0.28
STEPHANODISCUS ALPINUS	77.0	4.51
STEPHANODISCUS HANTZSCHII	7.2	0.42
STEPHANODISCUS MINUTUS	86.7	5.08
STEPHANODISCUS SP.	3.6	0.21
STEPHANODISCUS SUBTILIS	32.5	1.90
STEPHANODISCUS TENUIS	12.0	0.71
SURIRELLA ANGUSTA	1.2	0.07
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.14
SYNEDRA DEMERARAE	12.0	0.71
SYNEDRA FILIFORMIS	38.5	2.26
SYNEDRA OSTENFELDII	1.2	0.07
SYNEDRA ULNA V. CHASEANA	19.3	1.13
TABELLARIA FENESTRATA	26.5	1.55
TABELLARIA FENESTRATA V. INTERMEDIA	113.2	6.63
TABELLARIA FLOCCULOSA	38.5	2.26
ULOTHRIX SP.	12.0	0.71
TOTAL	1707.1	100.0

NDC.5-1 NO.OF FORMS = 40 DIVERSITY = 3.94
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	228.7	15.98
CYCLOTELLA MENEGHINIANA	1.2	0.08
CYCLOTELLA MICHIGANIANA	4.8	0.34
CYCLOTELLA OCELLATA	28.9	2.02
CYCLOTELLA SP.	21.7	1.51
CYCLOTELLA STELLIGERA	32.5	2.27
DIATOMA TENUE V. ELONGATUM	9.6	0.67
FLAGELLATES	40.9	2.86
FRAGILARIA CROTONENSIS	343.1	23.97
FRAGILARIA INTERMEDIA	9.6	0.67
MELOSIRA GRANULATA	31.3	2.19
MELOSIRA ISLANDICA	26.5	1.85
MELOSIRA ITALICA	26.5	1.85
NAVICULA MENISCULUS V. OBTUSA	1.2	0.08
NITZSCHIA ACICULARIS	14.4	1.01
NITZSCHIA BACATA	1.2	0.08
NITZSCHIA CONFINIS	2.4	0.17
NITZSCHIA DISSIPATA	2.4	0.17
NITZSCHIA KUETZINGIANA	1.2	0.08
NITZSCHIA PALEA	4.8	0.34
NITZSCHIA SP.	1.2	0.08
NITZSCHIA SP. #10	1.2	0.08
NITZSCHIA SP. #1	1.2	0.08
NITZSCHIA SP. #2	4.8	0.34
RHIZOSOLENIA ERIENSIS	9.6	0.67
RHIZOSOLENIA GRACILIS	26.5	1.85
STEPHANODISCUS ALPINUS	55.4	3.87
STEPHANODISCUS MINUTUS	124.0	8.66
STEPHANODISCUS SP.	6.0	0.42
STEPHANODISCUS SUBTILIS	37.3	2.61
STEPHANODISCUS TENUIS	47.0	3.28
STEPHANODISCUS TRANSILVANICUS	1.2	0.08
SURIRELLA ANGUSTA	1.2	0.08
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.6	0.25
SYNEDRA FILIFORMIS	49.4	3.45
SYNEDRA OSTENFELDII	4.8	0.34
SYNEDRA ULNA V. CHASEANA	18.1	1.26
TABELLARIA FENESTRATA V. INTERMEDIA	134.8	9.42
THALASSIOSIRA PSEUDONANA	27.7	1.93
ULOTHRIX SP.	43.3	3.03
TOTAL	1431.4	100.0

NDC.5-2 NO.OF FORMS = 49 DIVERSITY = 4.04
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPRORA ORNATA	2.4	0.12
ANABAENA FLOS-AQUAE	14.4	0.73
ASTERIONELLA FORMOSA	146.9	7.39
BOTRYOCOCCUS BRAUNII	2.4	0.12
COSMARIUM SP. #1	9.6	0.48
CRYPTOMONAS SP.	69.8	3.51
CYCLOTELLA MENEGHINIANA	4.8	0.24
CYCLOTELLA MICHIGANIANA	4.8	0.24
CYCLOTELLA OCELLATA	26.5	1.33
CYCLOTELLA STELLIGERA	14.4	0.73
DIATOMA TENUE V. ELONGATUM	4.8	0.24
DINOBRYON DIVERGENS	19.3	0.97
DINOBRYON SOCIALE	7.2	0.36
FLAGELLATES	279.3	14.04
FRAGILARIA CROTONENSIS	553.8	27.85
GLOEOCYSTIS PLANCTONICA	14.4	0.73
GOMPHONEMA PARVULUM V. MICROPUS	2.4	0.12
GOMPHOSPHAERIA LACUSTRIS	108.4	5.45
GREEN COLONY, UNKNOWN	28.9	1.45
MELOSIRA DISTANS	9.6	0.48
MELOSIRA GRANULATA	19.3	0.97
MELOSIRA ITALICA	19.3	0.97
MOUGEOTIA SP.	7.2	0.36
NAVICULA SP.	2.4	0.12
NITZSCHIA ACICULARIS	9.6	0.48
NITZSCHIA CONFINIS	4.8	0.24
NITZSCHIA DISSIPATA	2.4	0.12
NITZSCHIA KUETZINGIANA	4.8	0.24
NITZSCHIA SP.	2.4	0.12
NITZSCHIA SP. #10	4.8	0.24
OSCILLATORIA LIMNETICA	12.0	0.61
OSCILLATORIA SP.	26.5	1.33
RHIZOSOLENIA ERIENSIS	7.2	0.36
RHIZOSOLENIA GRACILIS	9.6	0.48
SCENEDESMUS BICELLULARIS	4.8	0.24
SCENEDESMUS QUADRICAUDA V. LONGISPINA	9.6	0.48
SCENEDESMUS QUADRICAUDA	4.8	0.24
STEPHANODISCUS ALPINUS	53.0	2.66
STEPHANODISCUS HANTZSCHII	26.5	1.33
STEPHANODISCUS MINUTUS	84.3	4.24
STEPHANODISCUS SP.	7.2	0.36
STEPHANODISCUS SUBTILIS	65.0	3.27
STEPHANODISCUS TENUIS	14.4	0.73
SYNEDRA FILIFORMIS	55.4	2.78
SYNEDRA OSTENFELDII	2.4	0.12
SYNEDRA ULNA V. CHASEANA	21.7	1.09
TABELLARIA FENESTRATA	12.0	0.61
TABELLARIA FENESTRATA V. INTERMEDIA	144.5	7.26
TABELLARIA FLOCCULOSA	26.5	1.33
TOTAL	1988.8	100.0

DEC 1-C NO.OF FORMS = 56 DIVERSITY = 4.31
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	4.8	0.16
AMPHORA SP.	2.4	0.08
ANACYSTIS INCERTA	96.3	3.11
ASTERIONELLA FORMOSA	115.6	3.73
COSMARIUM SP. #1	2.4	0.08
CRYPTOMONAS SP.	74.6	2.41
CYCLOTELLA MENEGHINIANA V. PLANA	2.4	0.08
CYCLOTELLA MICHIGANIANA	2.4	0.08
CYCLOTELLA OCELLATA	36.1	1.17
CYCLOTELLA STELLIGERA	53.0	1.71
CYMATOPLEURA SOLEA	2.4	0.08
DIATOMA TENUE V. ELONGATUM	12.0	0.39
DINOBRYON DIVERGENS	7.2	0.23
FLAGELLATES	257.6	8.31
FRAGILARIA BREVISTRIATA	4.8	0.16
FRAGILARIA CAPUCINA	4.8	0.16
FRAGILARIA CROTONENSIS	876.4	28.28
FRAGILARIA PINNATA	16.9	0.54
FRAGILARIA PINNATA V. LANCETTULA	4.8	0.16
FRAGILARIA VAUCHERIAE	2.4	0.08
GLOEOCYSTIS PLANCTONICA	45.7	1.48
GOMPHONEMA OLIVACEUM	2.4	0.08
MELOSIRA GRANULATA	77.0	2.49
MELOSIRA ISLANDICA	53.0	1.71
MELOSIRA ITALICA	45.7	1.48
MELOSIRA SP.	2.4	0.08
MOUGEOTIA SP.	16.9	0.54
NAVICULA DECUSSIS	2.4	0.08
NITZSCHIA ACICULARIS	14.4	0.47
NITZSCHIA BACATA	2.4	0.08
NITZSCHIA CONFINIS	16.9	0.54
NITZSCHIA DISSIPATA	4.8	0.16
NITZSCHIA FONTICOLA	4.8	0.16
NITZSCHIA KUETZINGIANA	9.6	0.31
NITZSCHIA PALEA	4.8	0.16
NITZSCHIA PALEACEA	9.6	0.31
NITZSCHIA SP.	7.2	0.23
NITZSCHIA SP. #2	2.4	0.08
NITZSCHIA SP. #9	4.8	0.16
OSCILLATORIA BREIII	7.2	0.23
OSCILLATORIA SP.	16.9	0.54
RHIZOSOLENIA ERIENSIS	12.0	0.39
RHIZOSOLENIA GRACILIS	14.4	0.47
SCENEDESMUS DIMORPHUS	7.2	0.23
SCENEDESMUS QUADRICAUDA V. LONGISPINA	9.6	0.31
SCENEDESMUS QUADRICAUDA	28.9	0.93
STEPHANODISCUS ALPINUS	154.1	4.97
STEPHANODISCUS BINDERANUS	26.5	0.85
STEPHANODISCUS HANTZSCHII	16.9	0.54
STEPHANODISCUS MINUTUS	180.6	5.83
STEPHANODISCUS SP.	4.8	0.16
STEPHANODISCUS SUBTILIS	125.2	4.04
STEPHANODISCUS TENUIS	77.3	2.49
STEPHANODISCUS TRANSILVANICUS	2.4	0.08
SURIRELLA ANGUSTA	21.7	0.70
SURIRELLA LINEARIS V. CONSTRICTA	2.4	0.08
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	12.0	0.39
SYNEDRA DEMERARAE	26.5	0.85
SYNEDRA FILIFORMIS	55.4	1.79
SYNEDRA OSTENFELDII	7.2	0.23
SYNEDRA TENERA	2.4	0.08
SYNEDRA ULNA V. CHASEANA	50.6	1.63
TABELLARIA FENESTRATA	43.3	1.40
TABELLARIA FENESTRATA V. INTERMEDIA	257.6	8.31
TABELLARIA FLOCCULOSA	26.5	0.85
THALASSIOSIRA PSEUDONANA	2.4	0.08
TOTAL	3098.8	100.0

NDC 1-1 NO.OF FORMS = 40 DIVERSITY = 4.02
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	245.6	12.11
COSMARIUM SP. #1	2.4	0.12
CRYPTOMONAS SP.	55.4	2.73
CYCLOTELLA COMTA V. BOLANICA	2.4	0.12
CYCLOTELLA MENEGHINIANA	2.4	0.12
CYCLOTELLA MICHIGANIANA	12.0	0.59
CYCLOTELLA OCELLATA	19.3	0.95
CYCLOTELLA STELLIGERA	86.7	4.28
DIATOMA TENUE V. ELONGATUM	4.8	0.24
FLAGELLATES	190.2	9.38
FRAGILARIA CROTONENSIS	433.4	21.38
MELOSIRA GRANULATA	40.9	2.02
MELOSIRA ISLANDICA	14.4	0.71
MELOSIRA ITALICA	31.3	1.54
NAVICULA CRYPTOCEPHALA V. VENETA	2.4	0.12
NAVICULA SP.	2.4	0.12
NEPHROCYTIUM AGARDHIANUM	33.7	1.66
NITZSCHIA ACICULARIS	21.7	1.07
NITZSCHIA CONFINIS	2.4	0.12
NITZSCHIA KUETZINGIANA	7.2	0.36
NITZSCHIA PALEACEA	2.4	0.12
NITZSCHIA SP.	2.4	0.12
NITZSCHIA SP. #10	4.8	0.24
NITZSCHIA SP. #1	2.4	0.12
RHIZOSOLENIA ERIENSIS	31.3	1.54
RHIZOSOLENIA GRACILIS	48.2	2.38
SCENEDESMUS BICELLULARIS	9.6	0.48
STEPHANODISCUS ALPINUS	67.4	3.33
STEPHANODISCUS HANTZSCHII	31.3	1.54
STEPHANODISCUS MINUTUS	158.9	7.84
STEPHANODISCUS SUBTILIS	125.2	6.18
STEPHANODISCUS TENUIS	16.9	0.83
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	4.8	0.24
SYNEDRA FILIFORMIS	36.1	1.78
SYNEDRA OSTENFELDII	4.8	0.24
SYNEDRA ULNA V. CHASEANA	12.0	0.59
TABELLARIA FENESTRATA	19.3	0.95
TABELLARIA FENESTRATA V. INTERMEDIA	204.7	10.10
TABELLARIA FLOCCULOSA	21.7	1.07
THALASSIOSIRA PSEUDONANA	12.0	0.59
TOTAL	2027.4	100.0

NDC 1-2 NO.OF FORMS = 54 DIVERSITY = 3.90
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	163.7	4.85
BOTRYOCOCCUS BRAUNII	72.2	2.14
CLADOPHORA SP.	19.3	0.57
COSMARIUM SP. #1	2.4	0.07
CRUCIGENIA QUADRATA	9.6	0.29
CRYPTOMONAS SP.	84.3	2.49
CYCLOTELLA MENEGHINIANA	12.0	0.36
CYCLOTELLA MICHIGANIANA	7.2	0.21
CYCLOTELLA OCELLATA	26.5	0.78
CYCLOTELLA STELLIGERA	60.2	1.78
DIATOMA TENUE V. ELONGATUM	12.0	0.36
DINOBRYON DIVERGENS	19.3	0.57
DINOBRYON SOCIALE	14.4	0.43
DINOFLAGELLATES	16.9	0.50
FLAGELLATES	568.2	16.82
FRAGILARIA CAPUCINA	12.0	0.36
FRAGILARIA CONSTRUENS V. MINUTA	2.4	0.07
FRAGILARIA CROTONENSIS	1016.1	30.08
GLOEOCYSTIS PLANCTONICA	50.6	1.50
GOMPHOSPHAERIA LACUSTRIS	156.5	4.63
GREEN COCCOID, UNKNOWN	9.6	0.29
MELOSIRA GRANULATA	53.0	1.57
MELOSIRA ISLANDICA	2.4	0.07
MELOSIRA ITALICA	9.6	0.29
MOUGEOTIA SP.	62.6	1.85
NITZSCHIA ACICULARIS	19.3	0.57
NITZSCHIA BACATA	2.4	0.07
NITZSCHIA CONFINIS	9.6	0.29
NITZSCHIA PALEA	2.4	0.07
NITZSCHIA PALEACEA	2.4	0.07
NITZSCHIA SP. #10	7.2	0.21
OSCILLATORIA LIMNETICA	2.4	0.07
OSCILLATORIA RETZII	2.4	0.07
OSCILLATORIA SP.	38.5	1.14
PEDIASTRUM OBTUSUM	2.4	0.07
RHIZOSOLENIA ERIENSIS	9.6	0.29
RHIZOSOLENIA GRACILIS	14.4	0.43
SCENEDESMUS BICELLULARIS	4.8	0.14
SCENEDESMUS BIJUGA	9.6	0.29
SCENEDESMUS QUADRICAUDA V. LONGISPINA	28.9	0.86
STEPHANODISCUS ALPINUS	45.7	1.35
STEPHANODISCUS HANTZSCHII	12.0	0.36
STEPHANODISCUS MINUTUS	132.4	3.92
STEPHANODISCUS SUBTILIS	105.9	3.14
STEPHANODISCUS TENUIS	84.3	2.49
STEPHANODISCUS TRANSILVANICUS	4.8	0.14
SURIRELLA ANGUSTA	4.8	0.14
SYNEDRA FILIFORMIS	14.4	0.43
SYNEDRA OSTENFELDII	2.4	0.07
SYNEDRA ULNA V. CHASEANA	4.8	0.14
TABELLARIA FENESTRATA	21.7	0.64
TABELLARIA FENESTRATA V. INTERMEDIA	272.1	8.05
TABELLARIA FLOCCULOSA	40.9	1.21
THALASSIOSIRA PSEUDONANA	12.0	0.36
TOTAL	3378.1	100.0

NOC 2-C NO.OF FORMS = 67 DIVERSITY = 4.26
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACTINASTRUM HANTZSCHII V. FLUVIATILE	12.0	0.39
AMPHORA OVALIS V. PEDICULUS	2.4	0.08
ASTERIONELLA FORMOSA	113.2	3.63
CALONEIS VENTRICOSA V. MINUTA	2.4	0.08
CRYPTOMONAS SP.	168.5	5.41
CYCLOTELLA MENEGHINIANA V. PLANA	7.2	0.23
CYCLOTELLA MENEGHINIANA	12.0	0.39
CYCLOTELLA MICHIGANIANA	9.6	0.31
CYCLOTELLA OCELLATA	24.1	0.77
CYCLOTELLA STELLIGERA	45.7	1.47
DIATOMA TENUE V. ELONGATUM	9.6	0.31
DINOBRYON DIVERGENS	4.8	0.15
DINOFLAGELLATES	26.5	0.85
FLAGELIATES	269.7	8.66
FRAGILARIA CONSTRUENS	24.1	0.77
FRAGILARIA CONSTRUENS V. MINUTA	4.8	0.15
FRAGILARIA CONSTRUENS V. PUMILA	139.7	4.49
FRAGILARIA CROTONENSIS	862.0	27.69
FRAGILARIA PINNATA	2.4	0.08
FRAGILARIA VAUCHERIAE	2.4	0.08
GLOEOCYSTIS PLANCTONICA	45.7	1.47
GOMPHONEMA OLIVACEUM V. CALCAREA	2.4	0.08
GREEN COLONY, UNKNOWN	48.2	1.55
MELOSIRA GRANULATA	105.9	3.40
MELOSIRA ISLANDICA	43.3	1.39
MELOSIRA ITALICA	40.9	1.31
MERIDION CIRCULARE	4.8	0.15
NAVICULA CAPITATA	2.4	0.08
NAVICULA DECUSSIS	2.4	0.08
NAVICULA LACUSTRIS	4.8	0.15
NAVICULA PUPULA	2.4	0.08
NAVICULA SP.	4.8	0.15
NAVICULA SP. #13	2.4	0.08
NAVICULA TRIPUNCTATA	2.4	0.08
NITZSCHIA ACICULARIS	9.6	0.31
NITZSCHIA FACATA	2.4	0.08
NITZSCHIA CONFINIS	2.4	0.08
NITZSCHIA DISSIPATA	9.6	0.31
NITZSCHIA KUETZINGIANA	4.8	0.15
NITZSCHIA PALEA	4.8	0.15
NITZSCHIA PALEACEA	4.8	0.15
NITZSCHIA RECTA	2.4	0.08
NITZSCHIA SIGMA	2.4	0.08
NITZSCHIA SP.	4.8	0.15
NITZSCHIA SP. #1	2.4	0.08
NITZSCHIA SP. #2	2.4	0.08
RHIZOSOLENIA ERIENSIS	4.8	0.15
RHIZOSOLENIA GRACILIS	4.8	0.15
SCENEDESMUS BICELLULARIS	31.3	1.01
SCENEDESMUS DIMORPHUS	19.3	0.62
SCENEDESMUS QUADRICAUDA	4.8	0.15
SCENEDESMUS SP.	9.6	0.31
STEPHANODISCUS ALPINUS	149.3	4.80
STEPHANODISCUS HANTZSCHII	4.8	0.15
STEPHANODISCUS MINUTUS	158.9	5.10
STEPHANODISCUS SUBTILIS	79.5	2.55
STEPHANODISCUS TENUIS	105.9	3.40
SURIRELLA DIDYMA	2.4	0.08
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	12.0	0.39
SYNEDRA DEMERARAE	26.5	0.85
SYNEDRA FILIFORMIS	40.9	1.31
SYNEDRA OSTENFELDII	7.2	0.23
SYNEDRA ULNA V. CHASEANA	24.1	0.77
TABELLARIA FENESTRATA	21.7	0.70
TABELLARIA FENESTRATA V. INTERMEDIA	250.4	8.04
TABELLARIA FLOCCULOSA	38.5	1.24
THALASSIOSIRA PSEUDONANA	7.2	0.23
TOTAL	3113.3	100.0

NDC 2-1 NO.OF FORMS = 49 DIVERSITY = 4.37
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.13
ANACYSTIS INCERTA	72.2	7.60
ANKISTRODESMUS FALCATUS	1.2	0.13
ASTERIONELLA FORMOSA	45.7	4.82
COSMARIUM SP. #1	1.2	0.13
CRYPTOMONAS SP.	28.9	3.04
CYCLOTELLA MICHIGANIANA	1.2	0.13
CYCLOTELLA OCELLATA	16.9	1.77
CYCLOTELLA SP.	4.8	0.51
CYCLOTELLA STELLIGERA	18.1	1.90
DIATOMA TENUE	4.8	0.51
DIATOMA TENUE V. ELONGATUM	7.2	0.76
DINOBRYON SOCIALE	2.4	0.25
DINOFLAGELLATES	2.4	0.25
FLAGELLATES	128.8	13.56
FRAGILARIA CAPUCINA	1.2	0.13
FRAGILARIA CROTONENSIS	158.9	16.73
KIRCHNERIELLA SP.	1.2	0.13
MELOSIRA GRANULATA	50.6	5.32
MELOSIRA ISLANDICA	10.8	1.14
MELOSIRA ISLANDICA AUXOSPORES	1.2	0.13
MELOSIRA ITALICA	12.0	1.27
MOUGEOTIA SP.	6.0	0.63
NITZSCHIA ACICULARIS	7.2	0.76
NITZSCHIA FONTICOLA	1.2	0.13
NITZSCHIA KUETZINGIANA	3.6	0.38
NITZSCHIA SP. (AFF. N. CONFINIS)	2.4	0.25
OEDOGONIUM SP.	47.0	4.94
OSCILLATORIA LIMNETICA	2.4	0.25
OSCILLATORIA RETZII	4.8	0.51
OSCILLATORIA SP.	6.0	0.63
RHIZOSOLENIA ERIENSIS	7.2	0.76
RHIZOSOLENIA GRACILIS	15.7	1.65
SCENEDESMUS BICELLULARIS	4.8	0.51
SCENEDESMUS DIMORPHUS	4.8	0.51
SCENEDESMUS QUADRICAUDA	4.8	0.51
STEPHANODISCUS ALPINUS	16.9	1.77
STEPHANODISCUS HANTZSCHII	8.4	0.89
STEPHANODISCUS MINUTUS	43.3	4.56
STEPHANODISCUS SP.	3.6	0.38
STEPHANODISCUS SUBTILIS	61.4	6.46
STEPHANODISCUS TENUIS	10.8	1.14
SYNEDRA FILIFORMIS	21.7	2.28
SYNEDRA OSTENFELDII	2.4	0.25
SYNEDRA ULNA V. CHASEANA	4.8	0.51
TABELLARIA FENESTRATA	7.2	0.76
TABELLARIA FENESTRATA V. INTERMEDIA	72.2	7.60
TABELLARIA FLOCCULOSA	4.8	0.51
THALASSIOSIRA PSEUDONANA	1.2	0.13
TOTAL	949.9	100.0

NDC 2-3 NO.OF FORMS = 49 DIVERSITY = 3.65
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA V. ELLIPTICA	1.2	0.09
ACHNANTHES SP.	1.2	0.09
ANABAENA FLOS-AQUAE	39.7	3.01
ANACYSTIS THERMALIS	4.8	0.36
ASTERIONELLA FORMOSA	56.6	4.28
COSMARIUM SP. #1	1.2	0.09
CRYPTOMONAS SP.	21.7	1.64
CYCLOTELLA AUXOSPORE	1.2	0.09
CYCLOTELLA KUETZINGIANA	1.2	0.09
CYCLOTELLA MICHIGANIANA	1.2	0.09
CYCLOTELLA OCELLATA	20.5	1.55
CYCLOTELLA SP.	6.0	0.46
CYCLOTELLA STELLIGERA	42.1	3.19
DIATOMA TENUE V. ELONGATUM	4.8	0.36
DINOBRYON DIVERGENS	15.7	1.18
DINOBRYON SOCIALE	1.2	0.09
DINOFLAGELLATES	10.8	0.82
FLAGELLATES	361.2	27.32
FRAGILARIA CROTONENSIS	236.0	17.85
GLOEOCYSTIS SP.	2.4	0.18
GOMPHOSPHAERIA LACUSTRIS	180.6	13.66
MELOSIRA GRANULATA	16.9	1.28
MELOSIRA ITALICA	2.4	0.18
MOUGEOTIA SP.	7.2	0.55
NAVICULA CRYPTOCEPHALA V. INTERMEDIA	1.2	0.09
NAVICULA SP.	1.2	0.09
NITZSCHIA ACICULARIS	3.6	0.27
NITZSCHIA CONFINIS	1.2	0.09
NITZSCHIA KUETZINGIANA	2.4	0.18
NITZSCHIA SP.	1.2	0.09
OSCILLATORIA LIMNETICA	1.2	0.09
OSCILLATORIA SP.	4.8	0.36
PEDIASTRUM DUPLEX V. GRACILLIMUM	1.2	0.09
QUADRIGULA SP.	3.6	0.27
RHIZOSOLENIA ERIENSIS	3.6	0.27
RHIZOSOLENIA GRACILIS	4.8	0.36
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.8	0.36
SCENEDESMUS SP.	2.4	0.18
STEPHANODISCUS ALPINUS	13.2	1.00
STEPHANODISCUS HANTZSCHII	2.4	0.18
STEPHANODISCUS MINUTUS	30.1	2.28
STEPHANODISCUS SP.	1.2	0.09
STEPHANODISCUS SUBTILIS	57.8	4.37
STEPHANODISCUS TENUIS	66.2	5.01
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.09
SYNEDRA FILIFORMIS	8.4	0.64
SYNEDRA ULNA V. CHASEANA	1.2	0.09
TABELLARIA FENESTRATA	1.2	0.09
TABELLARIA FENESTRATA V. INTERMEDIA	63.8	4.83
TOTAL	1321.9	100.0

NDC 4-C NO.OF FORMS = 64 DIVERSITY = 4.36
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA V. DUBIA	1.2	0.07
AMPHIPLEURA PELLUCIDA	3.6	0.21
AMPHORA OVALIS V. PEDICULUS	1.2	0.07
ANABAENA FLOS-AQUAE	10.8	0.62
ANACYSTIS INCERTA	24.1	1.38
ANKISTRODESMUS FALCATUS	1.2	0.07
ASTERIONELLA FORMOSA	61.4	3.51
CALONEIS SP.	1.2	0.07
CLOSTERIUM SP.	6.0	0.34
COELASTRUM SP.	24.1	1.38
COSMARIUM SP. #1	1.2	0.07
CRYPTOMONAS SP.	101.1	5.79
CYCLOTELLA MENEGHINIANA	2.4	0.14
CYCLOTELLA MICHIGANIANA	1.2	0.07
CYCLOTELLA OCELLATA	48.2	2.75
CYCLOTELLA STELLIGERA	45.7	2.62
DIATOMA TENUE V. ELONGATUM	7.2	0.41
DINOBRYON DIVERGENS	6.0	0.34
DINOBRYON SOCIALE	1.2	0.07
DINOFLAGELLATES	30.1	1.72
EUDORINA ELEGANS	6.0	0.34
FLAGELLATES	355.1	20.32
FRAGILARIA CAPUCINA	60.2	3.44
FRAGILARIA CONSTRUENS	2.4	0.14
FRAGILARIA CONSTRUENS V. PUMILA	3.6	0.21
FRAGILARIA CROTONENSIS	261.2	14.94
FRAGILARIA PINNATA	9.6	0.55
FRAGILARIA SP.	1.2	0.07
GLOEOCYSTIS PLANCTONICA	39.7	2.27
MELOSIRA GRANULATA	54.2	3.10
MELOSIRA ISLANDICA	21.7	1.24
MELOSIRA ITALICA	26.5	1.52
NAVICULA CAPITATA	1.2	0.07
NAVICULA DECUSSIS	1.2	0.07
NAVICULA LATENS	1.2	0.07
NAVICULA SP.	1.2	0.07
NITZSCHIA ACICULARIS	3.6	0.21
NITZSCHIA PALEA	2.4	0.14
NITZSCHIA PALEACEA	4.8	0.28
NITZSCHIA SP.	1.2	0.07
NITZSCHIA SP. (AFF. N. CONFINIS)	4.8	0.28
NITZSCHIA SP. #10	1.2	0.07
OSCILLATORIA LIMNETICA	1.2	0.07
OSCILLATORIA SP.	3.6	0.21
QUADRIGULA SP.	4.8	0.28
RHIZOSOLENIA ERIENSIS	1.2	0.07
RHIZOSOLENIA GRACILIS	2.4	0.14
SCENEDESMUS BICELLULARIS	4.8	0.28
SCENEDESMUS SP.	8.4	0.48
STEPHANODISCUS ALPINUS	75.8	4.34
STEPHANODISCUS HANTZSCHII	7.2	0.41
STEPHANODISCUS MINUTUS	74.6	4.27
STEPHANODISCUS SP.	1.2	0.07
STEPHANODISCUS SUBTILIS	73.4	4.20
STEPHANODISCUS TENUIS	66.2	3.79
SURIRELLA ANGUSTA	2.4	0.14
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.6	0.21
SYNEDRA FILIFORMIS	15.7	0.90
SYNEDRA OSTENFELDII	4.8	0.28
SYNEDRA PARASITICA	1.2	0.07
SYNEDRA ULNA V. CHASPANA	21.7	1.24
TABELLARIA FENESTRATA	9.6	0.55
TABELLARIA FENESTRATA V. INTERMEDIA	114.4	6.54
TABELLARIA FLOCCULOSA	6.0	0.34
TOTAL	1748.0	100.0

NDC 4-1 NO.OF FORMS = 38 DIVERSITY = 4.03
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	4.8	0.16
ASTERIONELLA FORMOSA	77.0	2.49
CRYPTOMONAS SP.	113.2	3.66
CYCLOTELLA MENEGHINIANA V. PLANA	2.4	0.08
CYCLOTELLA MICHIGANIANA	14.4	0.47
CYCLOTELLA OCELLATA	53.0	1.71
CYCLOTELLA SP.	7.2	0.23
CYCLOTELLA STELLIGERA	79.5	2.57
DIATOMA TENUE V. ELONGATUM	12.0	0.39
DINOBRYON DIVERGENS	31.3	1.01
DINOFLAGELLATES	12.0	0.39
EUDORINA ELEGANS	53.0	1.71
FLAGELLATES	934.2	30.22
FRAGILARIA CAPUCINA	31.3	1.01
FRAGILARIA CROTONENSIS	464.7	15.03
FRAGILARIA PINNATA	4.8	0.16
FRAGILARIA PINNATA V. LANCETTULA	2.4	0.08
GLOEOCYSTIS PLANCTONICA	50.6	1.64
GREEN COLONY, UNKNOWN	40.9	1.32
MELOSIRA DISTANS	4.8	0.16
MELOSIRA GRANULATA	21.7	0.70
MELOSIRA ISLANDICA	12.0	0.39
MELOSIRA ITALICA	24.1	0.78
MOUGEOTIA SP.	4.8	0.16
NAVICULA SP.	2.4	0.08
NITZSCHIA ACICULARIS	19.3	0.62
NITZSCHIA BACATA	2.4	0.08
NITZSCHIA CONFINIS	16.9	0.55
NITZSCHIA DISSIPATA	2.4	0.08
NITZSCHIA PALEACEA	2.4	0.08
NITZSCHIA SP.	4.8	0.16
NITZSCHIA SP. #10	2.4	0.08
NITZSCHIA SP. #1	4.8	0.16
OEDOGONIUM SP.	12.0	0.39
OSCILLATORIA LIMNETICA	7.2	0.23
OSCILLATORIA SP.	43.3	1.40
PEDIASTRUM DUPLEX V. GRACILLIMUM	2.4	0.08
RHIZOSOLENIA ERIENSIS	12.0	0.39
RHIZOSOLENIA GRACILIS	55.4	1.79
SCENEDESMUS DIMORPHUS	9.6	0.31
SCENEDESMUS QUADRICAUDA V. LONGISPINA	24.1	0.78
SCENEDESMUS QUADRICAUDA	14.4	0.47
SCENEDESMUS SP.	4.8	0.16
STEPHANODISCUS ALPINUS	91.5	2.96
STEPHANODISCUS BINDERANUS	21.7	0.70
STEPHANODISCUS HANTZSCHII	14.4	0.47
STEPHANODISCUS MINUTUS	127.6	4.13
STEPHANODISCUS SUBTILIS	178.2	5.76
STEPHANODISCUS TENUIS	69.8	2.26
SUBIRELLA OVATA	2.4	0.08
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.2	0.23
SYNEDRA FILIFORMIS	53.0	1.71
SYNEDRA OSTENFELDII	4.8	0.16
SYNEDRA ULNA V. CHAEANA	26.5	0.86
TABELLARIA FENESTRATA	19.3	0.62
TABELLARIA FENESTRATA V. INTERMEDIA	158.9	5.14
TABELLARIA FLOCCULOSA	9.6	0.31
THALASSIOSIRA PSEUDONANA	7.2	0.23
	1.6	00.1

NDC 4-3 NO.OF FORMS = 46 DIVERSITY = 3.96
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	25.3	1.71
ANKISTRODESMUS FALCATUS	1.2	0.08
ASTERIONELLA FORMOSA	59.0	4.00
COELASTRUM SP.	13.2	0.90
COSMARIUM SP.	1.2	0.08
CRYPTOMONAS SP.	27.7	1.88
CYCLOTELLA MENEGHINIANA V. PLANA	4.8	0.33
CYCLOTELLA MICHIGANIANA	4.8	0.33
CYCLOTELLA OCELLATA	15.7	1.06
CYCLOTELLA SP.	4.8	0.33
CYCLOTELLA STELLIGERA	9.6	0.65
DIATOMA TENUE V. ELONGATUM	2.4	0.16
DINOBRYON DIVERGENS	30.1	2.04
DINOFLAGELLATES	19.3	1.31
EUDORINA ELEGANS	7.2	0.49
FLAGELLATES	322.6	21.88
FRAGILARIA CROTONENSIS	244.6	16.57
GLOEOCYSTIS PLANCTONICA	55.4	3.76
GOMPHOSPHAERIA LACUSTRIS	54.2	3.67
GREEN COCCOID, UNKNOWN	21.7	1.47
MELOSIRA GRANULATA	16.9	1.14
MELOSIRA ITALICA	2.4	0.16
MOUGEOTIA SP.	68.6	4.65
NAVICULA SP.	1.2	0.08
OSCILLATORIA LIMNETICA	1.2	0.08
OSCILLATORIA RETZII	1.2	0.08
RHIZOSOLENIA ERIENSIS	1.2	0.08
RHIZOSOLENIA GRACILIS	2.4	0.16
SCENEDESMUS BICELLULARIS	7.2	0.49
SCENEDESMUS DIMORPHUS	33.7	2.29
SCENEDESMUS QUADRICAUDA V. LONGISPINA	26.5	1.80
SCENEDESMUS SP.	12.0	0.82
SPHAEROCYSTIS SCHROETERI	21.7	1.47
STEPHANODISCUS ALPINUS	2.4	0.16
STEPHANODISCUS MINUTUS	14.4	0.98
STEPHANODISCUS SUBTILIS	67.4	4.57
STEPHANODISCUS TENUIS	214.3	14.53
SYNEDRA ACUS	2.4	0.16
SYNEDRA FILIFORMIS	2.4	0.16
SYNEDRA OSTENFELDII	2.4	0.16
TABELLARIA FENESTRATA	4.8	0.33
TABELLARIA FENESTRATA V. INTERMEDIA	37.3	2.53
TABELLARIA FLOCCULOSA	1.2	0.08
TETRAEDRON CAUDATUM	1.2	0.08
TETRAEDRON REGULARE V. TORSUM	1.2	0.08
TETRAEDRON SP.	2.4	0.16
TOTAL	1474.8	100.0

NDC 4-4 NO.OF FORMS = 40 DIVERSITY = 3.90
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	9.0	1.74
ANACYSTIS THERMALIS	2.4	0.46
ANKISTRODESMUS GELIFACTUM	1.2	0.23
ANKISTRODESMUS SP. #3	0.6	0.12
ASTERIONELLA FORMOSA	19.3	3.71
CERATIUM HIRUNDINELLA	0.6	0.12
COELASTRUM SP.	7.2	1.39
COELOSPHAERIUM SP.	27.1	5.22
COSMARIUM SP. #1	1.8	0.35
CRYPTOMONAS SP.	5.4	1.04
CYCLOTELLA COMTA V. BOLANICA	4.8	0.93
CYCLOTELLA KUETZINGIANA	3.6	0.70
CYCLOTELLA MICHIGANIANA	36.7	7.08
CYCLOTELLA OCELLATA	38.5	7.42
CYCLOTELLA SP.	2.4	0.46
CYCLOTELLA STELLIGERA	38.5	7.42
DINOBRYON DIVERGENS	25.9	4.99
DINOBRYON SOCIALE	39.1	7.54
DINOFLAGELLATES	3.0	0.58
FLAGELIATES	128.9	24.83
FRAGILARIA CROTONENSIS	54.2	10.44
GLOEOCYSTIS PLANCTONICA	28.9	5.57
MELOSIRA GRANULATA	2.4	0.46
MELOSIRA ITALICA	1.2	0.23
MELOSIRA SP.	0.6	0.12
MOUGEOTIA SP.	1.8	0.35
NITZSCHIA SP.	0.6	0.12
PEDIASTRUM DUPLEX V. CLATHRATUM	0.6	0.12
PERIDINIUM SP.	1.2	0.23
RHIZOSOLENIA GRACILIS	0.6	0.12
SCENEDESMUS BICEILULARIS	0.6	0.12
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.4	0.46
SCENEDESMUS SP.	2.4	0.46
STEPHANODISCUS HANTZSCHII	1.2	0.23
STEPHANODISCUS MINUTUS	1.2	0.23
STEPHANODISCUS SP.	0.6	0.12
STEPHANODISCUS SUBTILIS	3.6	0.70
STEPHANODISCUS TENUIS	13.2	2.55
SYNEDRA FILIFORMIS	3.6	0.70
TABELLARIA FENESTRATA V. INTERMEDIA	1.8	0.35
TOTAL	519.2	100.0

NDC 7-1 NO.OF FORMS = 64 DIVERSITY = 4.18
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA V. DUBIA	2.4	0.14
ACTINASTRUM HANTZSCHII V. FLUVIATIL	8.4	0.48
AMPHIPLEURA PELLUCIDA	1.2	0.07
ANABAENA FLOS-AQUAE	13.2	0.75
ANACYSTIS INCERTA	339.5	19.33
ANKISTRODESMUS FALCATUS	7.2	0.41
ANKISTRODESMUS SP.	2.4	0.14
ANKISTRODESMUS SP. #3	1.2	0.07
ASTERIONELLA FORMOSA	66.2	3.77
CLOSTERIOPSIS SP.	1.2	0.07
COELASTRUM SP.	4.8	0.27
CRUCIGENIA SP.	19.3	1.10
CRYPTOMONAS SP.	24.1	1.37
CYCLOTELLA CRYPTICA	6.0	0.34
CYCLOTELLA MENEGHINIANA V. PLANA	4.8	0.27
CYCLOTELLA MENEGHINIANA	4.8	0.27
CYCLOTELLA MICHIGANIANA	7.2	0.41
CYCLOTELLA SP.	2.4	0.14
CYCLOTELLA STELLIGERA	15.7	0.89
DIATOMA TENUE V. FIONGATUM	6.0	0.34
DINOBRYON DIVERGENS	4.8	0.27
FLAGELIATES	307.0	17.48
FRAGILARIA CONSTRUENS V. VENTER	7.2	0.41
FRAGILARIA CROTONENSIS	174.6	9.94
GLOEOCYSTIS PLANCTONICA	173.4	9.87
GOMPHONEMA SP.	1.2	0.07
GOMPHOSPHAERIA LACUSTRIS	30.1	1.71
GREEN COLONY, UNKNOWN	39.7	2.26
KIRCHNERIELLA SP.	1.2	0.07
MELOSIRA GRANULATA	72.2	4.11
MELOSIRA ITALICA	1.2	0.07
MOUGEOTIA SP.	27.7	1.58
NAVICULA SP.	1.2	0.07
NITZSCHIA ACICULARIS	2.4	0.14
NITZSCHIA CONFINIS	2.4	0.14
NITZSCHIA FONTICOLA	6.0	0.34
NITZSCHIA KUETZINGIANA	1.2	0.07
NITZSCHIA PALEACEA	4.8	0.27
NITZSCHIA SP.	7.2	0.41
NITZSCHIA SP. #2	1.2	0.07
OEDOGONIUM SP.	3.6	0.21
OSCILLATORIA LIMNETICA	1.2	0.07
OSCILLATORIA SP.	4.8	0.27
PANDORINA SP.	80.7	4.59
QUADRIGULA SP.	4.8	0.27
RHIZOSOLENIA ERIENSIS	1.2	0.07
RHIZOSOLENIA GRACILIS	4.8	0.27
SCENEDESMUS BICEILULARIS	55.4	3.15
SCENEDESMUS QUADRICAUDA V. LONGISPINA	14.4	0.82
SCENEDESMUS QUADRICAUDA	16.9	0.96
SCENEDESMUS SP.	4.8	0.27
STEPHANODISCUS ALPINUS	1.2	0.07
STEPHANODISCUS HANTZSCHII	1.2	0.07
STEPHANODISCUS MINUTUS	15.7	0.89
STEPHANODISCUS SP.	4.8	0.27
STEPHANODISCUS SUBTILIS	40.9	2.33
STEPHANODISCUS TENUIS	55.4	3.15
SYNEDRA ACUS	2.4	0.14
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.14
SYNEDRA FILIFORMIS	13.2	0.75
TABELLARIA FENESTRATA V. INTERMEDIA	15.7	0.89
TABELLARIA FLOCCULOSA	2.4	0.14
TETRAEDRON REGULARE V. INCUS	2.4	0.14
TETRAEDRON SP.	1.2	0.07
TOTAL	1756.5	100.0

NDC 7-3 NO.OF FORMS = 46 DIVERSITY = 3.51
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. PEDICULUS	3.6	0.20
ANABAENA FLOS-AQUAE	353.9	19.12
ANACYSTIS THERMALIS	2.4	0.13
ANKISTRODESMUS FALCATUS	2.4	0.13
ASTERIONELLA FORMOSA	103.5	5.59
COELASTRUM SP.	6.0	0.33
COSMARIUM SP. #1	4.8	0.26
CRYPTOMONAS SP.	14.4	0.78
CYCLOTELLA COMTA	1.2	0.07
CYCLOTELLA MENEGHINIANA V. PLANA	1.2	0.07
CYCLOTELLA MICHIGANIANA	14.4	0.78
CYCLOTELLA OCELLATA	22.9	1.24
CYCLOTELLA SP.	1.2	0.07
CYCLOTELLA STELLIGERA	12.0	0.65
DIATOMA TENUE V. ELONGATUM	7.2	0.39
DINOBRYON DIVERGENS	31.3	1.69
DINOBRYON SOCIALE	7.2	0.39
DINOFLAGELLATES	4.8	0.26
FLAGELLATES	329.9	17.82
FRAGILARIA CROTONENSIS	481.6	26.01
GLOEOCYSTIS PLANCTONICA	79.5	4.29
GOMPHOSPHAERIA LACUSTRIS	78.3	4.23
GREEN COLONY, UNKNOWN	36.1	1.95
MELOSIRA DISTANS	2.4	0.13
MOUGEOTIA SP.	2.4	0.13
NAVICULA CLEMENTIS V. QUADRISTIGMATA	1.2	0.07
NITZSCHIA ACICULARIS	2.4	0.13
NITZSCHIA KUETZINGIANA	1.2	0.07
OOCYSTIS SP.	3.6	0.20
OSCILLATORIA LIMNETICA	4.8	0.26
SCENEDESMUS BICELLULARIS	26.5	1.43
SCENEDESMUS BIJUGA	4.8	0.26
SCENEDESMUS QUADRICAUDA V. LONGISPINA	21.7	1.17
SCENEDESMUS QUADRICAUDA V. QUADRISPINA	4.8	0.26
SCENEDESMUS QUADRICAUDA	4.8	0.26
SCENEDESMUS SP.	18.1	0.98
STEPHANODISCUS ALPINUS	1.2	0.07
STEPHANODISCUS HANTZSCHII	1.2	0.07
STEPHANODISCUS MINUTUS	10.8	0.59
STEPHANODISCUS SP.	1.2	0.07
STEPHANODISCUS SUBTILIS	7.2	0.39
STEPHANODISCUS TENUIS	85.5	4.62
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.07
SYNEDRA FILIFORMIS	4.8	0.26
TABELLARIA FENESTRATA V. INTERMEDIA	36.1	1.95
TABELLARIA FLOCCULOSA	3.6	0.20
TOTAL	1851.6	100.0

NDC 7-5 NO.OF FORMS = 33 DIVERSITY = 3.50
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	21.7	4.35
ANACYSTIS INCERTA	80.2	16.12
ANKISTRODESMUS SP.	1.6	0.32
ASTERIONELLA FORMOSA	10.8	2.18
CERATIUM HIRUNDINELLA	0.4	0.08
COELASTRUM SP.	9.2	1.85
COSMARIUM SP. #1	1.2	0.24
CRUCIGENIA QUADRATA	3.2	0.64
CRYPTOMONAS SP.	4.4	0.89
CYCLOTELLA MICHIGANIANA	13.6	2.74
CYCLOTELLA OCELLATA	30.5	6.12
CYCLOTELLA SP.	0.8	0.16
CYCLOTELLA STELLIGERA	87.0	17.49
DIATOMA TENUE V. ELONGATUM	1.2	0.24
DINOBRYON DIVERGENS	19.7	3.95
DINOBRYON SOCIALE	10.8	2.18
DINOFLAGELLATES	0.8	0.16
FLAGELLATES	104.7	21.03
FRAGILARIA CAPUCINA	12.4	2.50
FRAGILARIA CROTONENSIS	63.8	12.81
GLOEOCYSTIS PLANCTONICA	2.4	0.48
GREEN COLONY, UNKNOWN	4.0	0.81
MOUGEOTIA SP.	1.2	0.24
PERIDINIUM SP.	1.6	0.32
SCENEDESMUS BICELLULARIS	0.8	0.16
SCENEDESMUS QUADRICAUDA	0.8	0.16
SCENEDESMUS SP.	1.6	0.32
STEPHANODISCUS MINUTUS	0.8	0.16
STEPHANODISCUS SUBTILIS	0.8	0.16
STEPHANODISCUS TENUIS	3.6	0.73
SYNEDRA FILIFORMIS	0.8	0.16
TABELLARIA FENESTRATA V. INTERMEDIA	0.4	0.08
TETRAEDRON CAUDATUM	0.8	0.16
TOTAL	497.7	100.0

SDC.5-1 NO.OF FORMS = 4[illegible] DIVERSITY = 3.8[illegible]
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.11
ANACYSTIS INCERTA	1.2	0.11
ASTERIONELLA FORMOSA	116.8	10.95
CYCLOTELLA MENEGHINIANA	3.6	0.34
CYCLOTELLA MICHIGANIANA	14.4	1.35
CYCLOTELLA OCELLATA	16.9	1.58
CYCLOTELLA SP.	27.7	2.60
CYCLOTELLA STELLIGERA	12.0	1.13
DIATOMA TENUE V. ELONGATUM	10.8	1.02
FLAGELLATES	16.9	1.58
FRAGILARIA CONSTRUENS V. PUMILA	1.2	0.11
FRAGILARIA CROTONENSIS	286.5	26.86
FRAGILARIA INTERMEDIA	9.6	0.90
MELOSIRA GRANULATA	9.6	0.90
MELOSIRA ISLANDICA	47.0	4.40
MELOSIRA ITALICA	59.0	5.53
NAVICULA PUPULA	1.2	0.11
NITZSCHIA ACICULARIS	3.6	0.34
NITZSCHIA CONFINIS	2.4	0.23
NITZSCHIA DISSIPATA	2.4	0.23
NITZSCHIA PALEA	2.4	0.23
NITZSCHIA SP.	1.2	0.11
OSCILLATORIA SP.	1.2	0.11
RHIZOSOLENIA ERIENSIS	3.6	0.34
RHIZOSOLENIA GRACILIS	19.3	1.81
STEPHANODISCUS ALPINUS	38.5	3.61
STEPHANODISCUS MINUTUS	4.8	0.45
STEPHANODISCUS NIAGARAE	2.4	0.23
STEPHANODISCUS SP.	14.4	1.35
STEPHANODISCUS SUBTILIS	4.8	0.45
STEPHANODISCUS TENUIS	21.7	2.03
STEPHANODISCUS TRANSILVANICUS	1.2	0.11
SUBTILLA ANGUSTA	2.4	0.23
SYNEDRA ACUS	7.2	0.68
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.23
SYNEDRA FILIFORMIS	63.8	5.98
SYNEDRA OSTENFELDII	1.2	0.11
SYNEDRA ULNA V. CHASEANA	15.7	1.47
TABELLARIA FENESTRATA V. INTERMEDIA	166.1	15.58
ULOTHRIX SP.	48.2	4.51
TOTAL	1066.6	100.0

SDC.5-2 NO.OF FORMS = 46 DIVERSITY = 4.25
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	57.8	6.72
ANACYSTIS THERMALIS	4.8	0.56
ANKISTRODESMUS FALCATUS	1.2	0.14
ASTERIONELLA FORMOSA	80.7	9.38
COSMARIUM SP. #1	3.6	0.42
CRYPTOMONAS SP.	4.8	0.56
CYCLOTELLA COMTA	1.2	0.14
CYCLOTELLA MENEGHINIANA	4.8	0.56
CYCLOTELLA MICHIGANIANA	1.2	0.14
CYCLOTELLA OCELLATA	18.1	2.10
CYCLOTELLA SP.	15.7	1.82
CYCLOTELLA STELLIGERA	15.7	1.82
DIATOMA TENUE V. ELONGATUM	2.4	0.28
DINOBRYON DIVERGENS	13.2	1.54
DINOBRYON SOCIALE	3.6	0.42
FLAGELLATES	132.4	15.41
FRAGILARIA CAPUCINA	16.9	1.96
FRAGILARIA CROTONENSIS	138.4	16.11
GLOEOCYSTIS PLANCTONICA	19.3	2.24
GREEN COLONY, UNKNOWN	7.2	0.84
MAILOMONAS PSEUDOCORONATA	1.2	0.14
MELOSIRA DISTANS	12.0	1.40
MELOSIRA GRANULATA	47.0	5.46
MELOSIRA ISLANDICA	3.6	0.42
MELOSIRA ITALICA	3.6	0.42
NITZSCHIA CONFINIS	2.4	0.28
NITZSCHIA KUETZINGIANA	3.6	0.42
NITZSCHIA PALEA	1.2	0.14
NITZSCHIA SP. (AFF. N. CONFINIS)	1.2	0.14
OOCYSTIS SP.	4.8	0.56
RHIZOSOLENIA GRACILIS	3.6	0.42
SCENEDESMUS BICELLULARIS	9.6	1.12
SCENEDESMUS DIMORPHUS	4.8	0.56
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.4	0.28
SCENEDESMUS QUADRICAUDA	13.2	1.54
SCENEDESMUS SP.	9.6	1.12
STEPHANODISCUS ALPINUS	12.0	1.40
STEPHANODISCUS MINUTUS	16.9	1.96
STEPHANODISCUS SP.	1.2	0.14
STEPHANODISCUS TENUIS	55.4	6.44
SYNEDRA FILIFORMIS	19.3	2.24
SYNEDRA ULNA V. CHASEANA	3.6	0.42
TABELLARIA FENESTRATA	1.2	0.14
TABELLARIA FENESTRATA V. INTERMEDIA	75.8	8.82
TABELLARIA FLOCCULOSA	6.[illegible]	0.70
TETRAEDRON SP.	1.2	0.14
TOTAL	859.6	100.0

SDC 1-0 NO.OF FORMS = 46 DIVERSITY = 3.64
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AGMENELLUM QUADRUPLICATUM	38.5	1.40
AMPHORA OVALIS V. PEDICULUS	2.4	0.09
AMPHORA SP.	2.4	0.09
ASTERIONELLA FORMOSA	146.9	5.34
COSMARIUM SP. #1	2.4	0.09
CRYPTOMONAS SP.	45.7	1.66
CYCLOTELLA MENEGHINIANA	28.9	1.05
CYCLOTELLA MICHIGANIANA	16.9	0.61
CYCLOTELLA OCELLATA	33.7	1.23
CYCLOTELLA STELLIGERA	26.5	0.96
DIATOMA TENUE V. ELONGATUM	14.4	0.53
DINOBRYON DIVERGENS	2.4	0.09
DINOBRYON SOCIALE	4.8	0.18
FLAGELLATES	691.0	25.13
FRAGILARIA BREVISTRIATA V. CAPITATA	243.2	8.84
FRAGILARIA CAPUCINA	2.4	0.09
FRAGILARIA CROTONENSIS	587.5	21.37
GREEN COLONY, UNKNOWN	16.9	0.61
MELOSIRA DISTANS	33.7	1.23
MELOSIRA GRANULATA	33.7	1.23
MELOSIRA ISLANDICA	24.1	0.88
NAVICULA SP.	2.4	0.09
NITZSCHIA ANGUSTATA V. ACUTA	2.4	0.09
NITZSCHIA BACATA	2.4	0.09
NITZSCHIA CONFINIS	2.4	0.09
NITZSCHIA DISSIPATA	2.4	0.09
NITZSCHIA ELEGANS	4.8	0.18
NITZSCHIA PALEACEA	7.2	0.26
NITZSCHIA SP.	4.8	0.18
NITZSCHIA SP. #1	2.4	0.09
NITZSCHIA SP. #2	4.8	0.18
RHIZOSOLENIA ERIENSIS	2.4	0.09
RHIZOSOLENIA GRACILIS	7.2	0.26
SCENEDESMUS QUADRICAUDA	33.7	1.23
SCENEDESMUS SP.	9.6	0.35
STEPHANODISCUS ALPINUS	134.8	4.90
STEPHANODISCUS BINDERANUS	16.9	0.61
STEPHANODISCUS MINUTUS	16.9	0.61
STEPHANODISCUS TENUIS	53.0	1.93
STEPHANODISCUS TRANSILVANICUS	4.8	0.18
SURIRELLA ANGUSTA	2.4	0.09
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	12.0	0.44
SYNEDRA FILIFORMIS	26.5	0.96
SYNEDRA ULNA V. CHASEANA	16.9	0.61
TABELLARIA FENESTRATA V. INTERMEDIA	317.8	11.56
TABELLARIA FLOCCULOSA	60.2	2.19
TOTAL	2749.7	100.0

SDC 1-1 NO.OF FORMS = 33 DIVERSITY = 3.40
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACTINASTRUM HANTZSCHII V. FLUVIATILE	14.4	0.91
AMPHIPLEURA PELLUCIDA	2.4	0.15
ANKISTRODESMUS FALCATUS	7.2	0.45
ASTERIONELLA FORMOSA	134.8	8.46
COSMARIUM SP. #1	2.4	0.15
CRYPTOMONAS SP.	36.1	2.27
CYCLOTELLA MICHIGANIANA	4.8	0.30
CYCLOTELLA OCELLATA	14.4	0.91
CYCLOTELLA STELLIGERA	21.7	1.36
DIATOMA TENUE V. ELONGATUM	19.3	1.21
DINOBRYON DIVERGENS	16.9	1.06
FLAGELLATES	313.0	19.64
FRAGILARIA CROTONENSIS	414.1	25.98
MELOSIRA DISTANS	24.1	1.51
MELOSIRA GRANULATA	14.4	0.91
MELOSIRA ISLANDICA	26.5	1.66
NITZSCHIA BACATA	2.4	0.15
NITZSCHIA CONFINIS	2.4	0.15
NITZSCHIA KUETZINGIANA	2.4	0.15
RHIZOSOLENIA ERIENSIS	12.0	0.76
RHIZOSOLENIA GRACILIS	31.3	1.96
SCENEDESMUS BICELLULARIS	14.4	0.91
SCENEDESMUS QUADRICAUDA	4.8	0.30
STEPHANODISCUS ALPINUS	53.0	3.32
STEPHANODISCUS AUXOSPORE	2.4	0.15
STEPHANODISCUS MINUTUS	16.9	1.06
STEPHANODISCUS TENUIS	14.4	0.91
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	4.8	0.30
SYNEDRA FILIFORMIS	33.7	2.11
SYNEDRA OSTENFELDII	2.4	0.15
SYNEDRA ULNA V. CHASEANA	9.6	0.60
TABELLARIA FENESTRATA V. INTERMEDIA	308.2	19.34
TABELLARIA FLOCCULOSA	12.0	0.76
TOTAL	1594.0	100.0

SDC 1-2 NO.OF FORMS = 30 DIVERSITY = 2.84
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	33.7	2.12
ANKISTRODESMUS SP.	4.8	0.30
ASTERIONELLA FORMOSA	67.4	4.24
COSMARIUM SP. #1	2.4	0.15
CRUCIGENIA QUADRATA	9.6	0.61
CRYPTOMONAS SP.	12.0	0.76
CYCLOTELLA MICHIGANIANA	4.8	0.30
CYCLOTELLA OCELLATA	21.7	1.36
CYCLOTELLA STELLIGERA	2.4	0.15
DINOBRYON DIVERGENS	21.7	1.36
DINOBRYON SOCIALE	12.0	0.76
FLAGELLATES	132.4	8.33
FRAGILARIA BREVISTRIATA V. CAPITATA	2.4	0.15
FRAGILARIA CAPUCINA	16.9	1.06
FRAGILARIA CROTONENSIS	789.8	49.70
GLOEOCYSTIS PLANCTONICA	45.7	2.88
GREEN COCCOID, UNKNOWN	7.2	0.45
MELOSIRA GRANULATA	2.4	0.15
MOUGEOTIA SP.	139.7	8.79
NITZSCHIA ACICULARIS	2.4	0.15
PERIDINIUM SP.	4.8	0.30
SCENEDESMUS ABUNDANS V. BREVICAUDA	4.8	0.30
SCENEDESMUS QUADRICAUDA V. LONGISPINA	19.3	1.21
SCENEDESMUS QUADRICAUDA	4.8	0.30
STEPHANODISCUS ALPINUS	7.2	0.45
STEPHANODISCUS SP.	2.4	0.15
STEPHANODISCUS TENUIS	50.6	3.18
SYNEDRA FILIFORMIS	4.8	0.30
SYNEDRA ULNA V. CHASEANA	2.4	0.15
TABELLARIA FENESTRATA V. INTERMEDIA	156.5	9.85
TOTAL	1589.1	100.0

SDC 2-C NO.OF FORMS = 43 DIVERSITY = 3.30
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	9.6	0.33
ASTERIONELLA FORMOSA	161.3	5.54
CLADOPHORA SP.	14.4	0.50
COSMARIUM SP. #1	2.4	0.08
CRYPTOMONAS SP.	118.0	4.05
CYCLOTELLA COMTA	2.4	0.08
CYCLOTELLA MENEGHINIANA V. PLANA	2.4	0.08
CYCLOTELLA MICHIGANIANA	7.2	0.25
CYCLOTELLA OCELLATA	31.3	1.07
CYCLOTELLA SP.	7.2	0.25
CYCLOTELLA STELLIGERA	31.3	1.07
DIATOMA TENUE	2.4	0.08
DIATOMA TENUE V. ELONGATUM	14.4	0.50
DINOFLAGELLATES	2.4	0.08
FLAGELLATES	955.9	32.81
FRAGILARIA CAPUCINA	33.7	1.16
FRAGILARIA CROTONENSIS	676.6	23.22
GLOEOCYSTIS PLANCTONICA	38.5	1.32
GYMNODINIUM SP.	2.4	0.08
MELOSIRA DISTANS	7.2	0.25
MELOSIRA GRANULATA	60.2	2.07
MELOSIRA ISLANDICA	36.1	1.24
NAVICULA SP.	2.4	0.08
NITZSCHIA ACICULARIS	9.6	0.33
NITZSCHIA BACATA	2.4	0.08
NITZSCHIA CONFINIS	4.8	0.17
NITZSCHIA FONTICOLA V PELAGICA	4.8	0.17
NITZSCHIA PALEACEA	7.2	0.25
NITZSCHIA SP.	4.8	0.17
RHIZOSCLENIA EBTENSIS	9.6	0.33
RHIZOSCLENIA GRACILIS	9.6	0.33
SCENEDESMUS BICELLULARIS	14.4	0.50
SCENEDESMUS FALCATUS	9.6	0.33
SCENEDESMUS QUADRICAUDA	19.3	0.66
STEPHANODISCUS ALPINUS	101.1	3.47
STEPHANODISCUS MINUIUS	19.3	0.66
STEPHANODISCUS TENUIS	53.0	1.82
SURIRELLA ANGUSTA	2.4	0.08
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.2	0.25
SYNEDRA FILIFORMIS	7.2	0.25
SYNEDRA ULNA V. CHASEANA	21.7	0.74
TABELLARIA FENESTRATA V. INTERMEDIA	344.3	11.82
TABELLARIA FLOCCULOSA	40.9	1.40
TOTAL	2913.4	100.0

SDC 2-1 NO.OF FORMS = 41 DIVERSITY = 3.75
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	59.0	7.52
CLADOPHORA SP.	2.4	0.31
COSMARIUM SP. #1	3.6	0.46
CRYPTOMONAS SP.	4.8	0.61
CYCLOTELLA COMTA	2.4	0.31
CYCLOTELLA MENEGHINIANA	1.2	0.15
CYCLOTELLA MICHIGANIANA	6.0	0.77
CYCLOTELLA OCELLATA	7.2	0.92
CYCLOTELLA SP.	4.8	0.61
CYCLOTELLA STELLIGERA	19.3	2.45
DINOBRYON DIVERGENS	34.9	4.45
DINOBRYON SOCIALE	4.8	0.61
FLAGELLATES	102.3	13.04
FRAGILARIA CROTONENSIS	255.2	32.52
GLOEOCYSTIS PLANCTONICA	30.1	3.83
GOMPHOSPHAERIA LACUSTRIS	30.1	3.83
GREEN FILAMENT, UNKNOWN	1.2	0.15
KIRCHNERIELLA SP.	4.8	0.61
MELOSIRA GRANULATA	6.0	0.77
MOUGEOTIA SP.	45.7	5.83
NAVICULA COSTULATA	1.2	0.15
NAVICULA LATENS	1.2	0.15
NITZSCHIA ACICULARIS	2.4	0.31
NITZSCHIA DISSIPATA	2.4	0.31
NITZSCHIA PALEA	1.2	0.15
PERIDINIUM SP.	2.4	0.31
RHIZOSCLENIA ERIENSIS	2.4	0.31
RHIZOSCLENIA GRACILIS	6.0	0.77
SCENEDESMUS BICELLULARIS	9.6	1.23
SCENEDESMUS QUADRICAUDA	14.4	1.84
SCENEDESMUS SP.	13.2	1.69
STEPHANODISCUS ALPINUS	7.2	0.92
STEPHANODISCUS HANTZSCHII	4.8	0.61
STEPHANODISCUS MINUTUS	4.8	0.61
STEPHANODISCUS SP.	1.2	0.15
STEPHANODISCUS TENUIS	44.5	5.67
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.31
SYNEDRA FILIFORMIS	2.4	0.31
SYNEDRA ULNA V. CHAEANA	2.4	0.31
TABELLARIA FENESTRATA V. INTERMEDIA	30.1	3.83
TABELLARIA FLOCCULOSA	2.4	0.31
TOTAL	784.9	100.0

SDC 2-3 NO.OF FORMS = 40 DIVERSITY = 3.54
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	2.4	0.35
ANABAENA FLOS-AQUAE	8.4	1.23
ANACYSTIS INCERTA	24.1	3.53
ASTERIONELLA FORMOSA	20.5	3.00
COSMARIUM SP. #1	2.4	0.35
CRYPTOMONAS SP.	4.8	0.71
CYCLOTELLA COMTA	1.2	0.18
CYCLOTELLA KUETZINGIANA	2.4	0.35
CYCLOTELLA MICHIGANIANA	4.8	0.71
CYCLOTELLA OCELLATA	6.0	0.88
CYCLOTELLA STELLIGERA	3.6	0.53
DIATOMA TENUE V. ELONGATUM	1.2	0.18
DINOBRYON DIVERGENS	19.3	2.82
DINOBRYON SOCIALE	3.6	0.53
DINOFLAGELLATES	1.2	0.18
EUDORINA SP.	8.4	1.23
FLAGELLATES	101.1	14.81
FRAGILARIA CAPUCINA	4.8	0.71
FRAGILARIA CROTONENSIS	246.8	36.16
GLOEOCYSTIS PLANCTONICA	22.9	3.35
MELOSIRA GRANULATA	6.0	0.88
MOUGEOTIA SP.	18.1	2.65
NITZSCHIA SP.	1.2	0.18
NITZSCHIA SP. #2	1.2	0.18
OSCILLATORIA SP.	4.8	0.71
PANDORINA SP.	19.3	2.82
PEDIASTRUM DUPLEX	1.2	0.18
PERIDINIUM SP.	3.6	0.53
RHIZOSCLENIA ERIENSIS	1.2	0.18
RHIZOSCLENIA GRACILIS	1.2	0.18
SCENEDESMUS FALCATUS	4.8	0.71
SCENEDESMUS QUADRICAUDA V. LONGISPINA	7.2	1.06
SCENEDESMUS QUADRICAUDA	9.6	1.41
SCENEDESMUS SP.	2.4	0.35
STEPHANODISCUS MINUTUS	2.4	0.35
STEPHANODISCUS TENUIS	74.6	10.93
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.18
TABELLARIA FENESTRATA	3.6	0.53
TABELLARIA FENESTRATA V. INTERMEDIA	27.7	4.06
TABELLARIA FLOCCULOSA	1.2	0.18
TOTAL	682.6	100.0

SDC 4-1 NO.OF FORMS = 42 DIVERSITY = 3.74
COUNTED BY: D.S.
METHOD: SEITLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	2.4	0.28
ACTINASTRUM HANTZSCHII V. FLUVIATILE	6.0	0.71
ANABAENA FLOS-AQUAE	6.0	0.71
ANACYSTIS THERMALIS	2.4	0.28
ANKISTRODESMUS FALCATUS	2.4	0.28
ANKISTRODESMUS SP.	2.4	0.28
ANKISTRODESMUS SP. #3	12.0	1.42
ASTERIONELLA FORMOSA	91.5	10.80
CLADOPHORA SP.	3.6	0.43
COSMARIUM SP. #1	2.4	0.28
CRYPTOMONAS SP.	9.6	1.14
CYCLOTELLA MICHIGANIANA	15.7	1.85
CYCLOTELLA OCELLATA	16.9	1.99
CYCLOTELLA STELLIGERA	26.5	3.13
DIATOMA TENUE V. ELONGATUM	4.8	0.57
DINOBRYON DIVERGENS	22.9	2.70
FLAGELLATES	250.4	29.55
FRAGILARIA CROTONENSIS	162.5	19.18
GLOEOCYSTIS PLANCTONICA	10.8	1.28
MERISMOPEDIA SP.	7.2	0.85
MOUGEOTIA SP.	19.3	2.27
NAVICULA SP.	1.2	0.14
NITZSCHIA ACICULARIS	8.4	0.99
NITZSCHIA CONFINIS	1.2	0.14
NITZSCHIA DISSIPATA	1.2	0.14
NITZSCHIA KUETZINGIANA	1.2	0.14
NITZSCHIA SP. #1	1.2	0.14
OSCILLATORIA SP.	2.4	0.28
PERIDINIUM SP.	8.4	0.99
RHIZOSOLENIA BRIENSIS	1.2	0.14
RHIZOSOLENIA GRACILIS	4.8	0.57
SCENEDESMUS BICELLULARIS	4.8	0.57
SCENEDESMUS QUADRICAUDA	22.9	2.70
SCENEDESMUS SP.	9.6	1.14
STEPHANODISCUS ALPINUS	8.4	0.99
STEPHANODISCUS MINUTUS	3.6	0.43
STEPHANODISCUS TENUIS	31.3	3.69
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.14
SYNEDRA FILIFORMIS	7.2	0.85
TABELLARIA FENESTRATA	4.8	0.57
TABELLARIA FENESTRATA V. INTERMEDIA	38.5	4.55
TABELLARIA FLOCCULOSA	6.0	0.71
TOTAL	847.5	100.0

SDC 4-3 NO.OF FORMS = 33 DIVERSITY = 3.32
COUNTED BY: D.S.
METHOD: SEITLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	18.1	1.71
ANACYSTIS THERMALIS	13.2	1.25
ASTERIONELLA FORMOSA	74.6	7.06
BOTRYOCOCCUS BRAUNII	27.7	2.62
CCELASTRUM SP.	13.2	1.25
COSMARIUM SP. #1	2.4	0.23
CRYPTOMONAS SP.	6.0	0.57
CYCLOTELLA MENEGHINIANA	1.2	0.11
CYCLOTELLA MICHIGANIANA	8.4	0.80
CYCLOTELLA OCELLATA	9.6	0.91
CYCLOTELLA SP.	3.6	0.34
CYCLOTELLA STELLIGERA	13.2	1.25
DIATOMA TENUE V. ELONGATUM	2.4	0.23
DINOBRYON DIVERGENS	54.2	5.13
FLAGELLATES	208.3	19.70
FRAGILARIA CAPUCINA	4.8	0.46
FRAGILARIA CROTONENSIS	375.6	35.54
FRAGILARIA SP.	2.4	0.23
GLOEOCYSTIS PLANCTONICA	16.9	1.59
GOMPHOSPHAERIA LACUSTRIS	22.9	2.16
MOUGEOTIA SP.	44.5	4.21
NAVICULA DECUSSIS	1.2	0.11
NITZSCHIA KUETZINGIANA	1.2	0.11
PERIDINIUM SP.	2.4	0.23
SCENEDESMUS BICELLULARIS	4.8	0.46
SCENEDESMUS QUADRICAUDA	12.0	1.14
SCENEDESMUS SP.	9.6	0.91
STEPHANODISCUS TENUIS	74.6	7.06
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.11
SYNEDRA FILIFORMIS	6.0	0.57
SYNEDRA ULNA V. CHAEANA	1.2	0.11
TABELLARIA FENESTRATA V. INTERMEDIA	16.9	1.59
TABELLARIA FLOCCULOSA	2.4	0.23
TOTAL	1057.0	100.0

SDC 4-4 NO.OF FORMS = 20 DIVERSITY = 2.59
COUNTED BY: D.S.
METHOD: SEITLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	95.5	17.25
ASTERIONELLA FORMOSA	16.1	2.90
CRYPTOMONAS SP.	3.2	0.58
CYCLOTELLA MICHIGANIANA	14.5	2.61
CYCLOTELLA OCELLATA	20.9	3.77
CYCLOTELLA SP.	1.6	0.29
CYCLOTELLA STELLIGERA	8.0	1.45
DINOBRYON DIVERGENS	20.9	3.77
FLAGELLATES	273.0	49.28
FRAGILARIA CROTONENSIS	57.8	10.43
GLOEOCYSTIS PLANCTONICA	6.4	1.16
MOUGEOTIA SP.	5.6	1.01
OOCYSTIS SP.	6.4	1.16
PERIDINIUM SP.	4.8	0.87
RHIZOSOLENIA GRACILIS	0.8	0.14
SCENEDESMUS QUADRICAUDA	3.2	0.58
SCENEDESMUS SP.	2.4	0.43
STEPHANODISCUS TENUIS	10.4	1.88
SYNEDRA FILIFORMIS	1.6	0.29
TABELLARIA FENESTRATA V. INTERMEDIA	0.8	0.14
TOTAL	553.9	100.0

SDC 7-1 NO.OF FORMS = 40 DIVERSITY = 3.56
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AGMENELLUM QUADRUPLICATUM	9.6	1.05
ANACYSTIS INTERMAIIS	2.4	0.26
ASTERIONELLA FORMOSA	86.7	9.45
COSMARIUM SP. #1	2.4	0.26
CRYPTOMONAS SP.	1.2	0.13
CYCLOTELLA MICHIGANIANA	14.4	1.57
CYCLOTELLA OCELLATA	26.5	2.89
CYCLOTELLA SP.	1.2	0.13
CYCLOTELLA STELLIGERA	34.9	3.81
DIATOMA TENUE V. ELONGATUM	4.8	0.52
DINOBRYON DIVERGENS	8.4	0.92
DINOFLAGELLATES	1.2	0.13
FLAGELLATES	244.4	26.64
FRAGILARIA CROTONENSIS	215.5	23.49
GLOEOCYSTIS PLANCTONICA	4.8	0.52
GOMPHOSPHAERIA LACUSTRIS	24.1	2.62
GREEN COLONY, UNKNOWN	7.2	0.79
MELOSIRA DISTANS	2.4	0.26
MELOSIRA GRANULATA	22.9	2.49
MOUGEOTIA SP.	12.0	1.31
NAVICULA SP. #78	1.2	0.13
NITZSCHIA ACICULARIS	1.2	0.13
NITZSCHIA BACATA	2.4	0.26
NITZSCHIA DISSIPATA	1.2	0.13
NITZSCHIA KUETZINGIANA	2.4	0.26
NITZSCHIA PALEACEA	3.6	0.39
PERIDINIUM SP.	1.2	0.13
PHIZOSCLENIA ERIENSIS	2.4	0.26
PHIZOSCLENIA GRACILIS	1.2	0.13
SCENEDESMUS ABUNDANS V. BREVICAUDA	2.4	0.26
SCENEDESMUS BICELLULARIS	2.4	0.26
SCENEDESMUS BIJUGA	9.6	1.05
SCENEDESMUS QUADRICAUDA	7.2	0.79
STEPHANODISCUS ALPINUS	10.8	1.18
STEPHANODISCUS MINUTUS	13.2	1.44
STEPHANODISCUS SP.	1.2	0.13
STEPHANODISCUS TENUIS	63.8	6.96
SYNEDRA FILIFORMIS	10.8	1.18
SYNEDRA ULNA V. CHAEIANA	1.2	0.13
TABELLARIA FENESTRATA V. INTERMEDIA	50.6	5.51
TOTAL	917.4	100.0

SDC 7-3 NO.OF FORMS = 41 DIVERSITY = 3.55
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AGMENELLUM QUADRUPLICATUM	4.8	0.46
ANABAENA FLOS-AQUAE	7.2	0.69
ANKISTRODESMUS SP.	1.2	0.12
ASTERIONELLA FORMOSA	68.6	6.60
CHRYSOCOCCUS RUFESCENS	1.2	0.12
COCCOMYXA COCCOIDES	20.5	1.97
COSMARIUM SP. #1	1.2	0.12
CRUCIGENIA RECTANGULARIS	4.8	0.46
CRYPTOMONAS SP.	4.8	0.46
CYCLOTELLA COMTA	2.4	0.23
CYCLOTELLA MENEGHINIANA	1.2	0.12
CYCLOTELLA MICHIGANIANA	4.8	0.46
CYCLOTELLA OCELLATA	9.6	0.93
CYCLOTELLA STELLIGERA	2.4	0.23
DIATOMA TENUE V. ELONGATUM	1.2	0.12
DINOBRYON DIVERGENS	31.3	3.01
DINOFLAGELLATES	2.4	0.23
FLAGELLATES	225.1	21.64
FRAGILARIA CROTONENSIS	250.4	24.07
GLOEOCYSTIS PLANCTONICA	55.4	5.32
GOMPHOSPHAERIA LACUSTRIS	140.9	13.54
GREEN FILAMENT, UNKNOWN	24.1	2.31
KIRCHNERIELLA SP.	1.2	0.12
MELOSIRA GRANULATA	1.2	0.12
MOUGEOTIA SP.	14.4	1.39
NITZSCHIA SP.	1.2	0.12
OOCYSTIS SP.	4.8	0.46
PEDIASTRUM DUPLEX V RETICULATUM	1.2	0.12
PERIDINIUM SP.	1.2	0.12
PHIZOSCLENIA GRACILIS	1.2	0.12
SCENEDESMUS BICELLULARIS	4.8	0.46
SCENEDESMUS DIMORPHUS	7.2	0.69
SCENEDESMUS QUADRICAUDA	16.9	1.62
SCENEDESMUS SP.	9.6	0.93
STEPHANODISCUS ALPINUS	2.4	0.23
STEPHANODISCUS MINUTUS	7.2	0.69
STEPHANODISCUS TENUIS	68.6	6.60
SURIRELLA ANGUSTA	1.2	0.12
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.12
TABELLARIA FENESTRATA V. INTERMEDIA	26.5	2.55
TABELLARIA FLOCCULOSA	2.4	0.23
TOTAL	1040.2	100.0

SDC 7-5 NO.OF FORMS = 35 DIVERSITY = 3.51
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	53.0	5.44
ANACYSTIS THERMALIS	16.9	1.73
ANKISTRODESMUS FALCATUS	1.2	0.12
ASTERIONELLA FORMOSA	57.8	5.93
CLADOPHORA SP.	7.2	0.74
COSMARIUM SP. #1	4.8	0.49
CRUCIGENIA SP.	1.2	0.12
CRYPTOMONAS SP.	8.4	0.87
CYCLOTELLA MENEGHINIANA	3.6	0.37
CYCLOTELLA MICHIGANIANA	12.0	1.24
CYCLOTELLA OCELLATA	12.0	1.24
CYCLOTELLA STELLIGERA	21.7	2.22
DIATOMA TENUE V. ELONGATUM	3.6	0.37
DICTYOSPHAERIUM SP.	10.8	1.11
DINOBRYON DIVERGENS	60.2	6.18
DINOFLAGELLATES	2.4	0.25
FLAGELLATES	269.7	27.69
FRAGILARIA CROTONENSIS	175.8	18.05
GLOEOCYSTIS PLANCTONICA	14.4	1.48
MELOSIRA GRANULATA	2.4	0.25
MOUGEOTIA SP.	13.2	1.36
PERIDINIUM SP.	2.4	0.25
RHIZOSOLENIA ERIENSIS	1.2	0.12
SCENEDESMUS BICELLULATUS	2.4	0.25
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.8	0.49
SCENEDESMUS QUADRICAUDA	21.7	2.22
SCENEDESMUS SP.	2.4	0.25
STEPHANODISCUS ALPINUS	3.6	0.37
STEPHANODISCUS MINUTUS	9.6	0.99
STEPHANODISCUS TENUIS	148.1	15.20
SYNEDRA FILIFORMIS	3.6	0.37
TABELLARIA FENESTRATA V. INTERMEDIA	15.7	1.61
TABELLARIA FLOCCULOSA	2.4	0.25
TRIBARION CAUDATUM V. LONGISPINA	2.4	0.25
TETRAEDRON MINIMUM	1.2	0.12
TOTAL	973.9	100.0

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DC-0 NO.OF FORMS = 61 DIVERSITY = 4.56
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.2	0.12
ACHNANTHES LANCEOLATA V. DUBIA	1.2	0.12
AMPHIPLEURA PELLUCIDA	2.4	0.24
AMPHORA OVALIS V. PEDICULUS	1.2	0.12
ANACYSTIS THERMALIS	53.0	5.17
ASTERIONELLA FORMOSA	26.5	2.59
COSMARIUM SP. #1	1.2	0.12
CRYPTOMONAS SP.	24.1	2.35
CYCLOTELLA MENEGHINIANA	4.8	0.47
CYCLOTELLA MICHIGANIANA	13.2	1.29
CYCLOTELLA OCELLATA	7.2	0.71
CYCLOTELLA SP.	2.4	0.24
FLAGELLATES	126.4	12.34
FRAGILARIA CAPUCINA	2.4	0.24
FRAGILARIA CONSTRUENS V. VENTER	3.6	0.35
FRAGILARIA CROTONENSIS	79.5	7.76
FRAGILARIA PINNATA	6.0	0.59
FRAGILARIA PINNATA V. LANCETTULA	1.2	0.12
GLOEOCYSTIS SP.	16.9	1.65
GOMPHOSPHAERIA LACUSTRIS	180.6	17.63
GREEN COCCOID, UNKNOWN	13.2	1.29
MELOSIRA GRANULATA	65.0	6.35
MELOSIRA GRANULATA V. ANGUSTISSIMA	59.0	5.76
MELOSIRA ISLANDICA	2.4	0.24
MELOSIRA ITALICA	4.8	0.47
NAVICULA CAPITATA	1.2	0.12
NAVICULA CRYPTOCEPHALA V. VENETA	1.2	0.12
NAVICULA GASTRUM	1.2	0.12
NAVICULA SP.	6.0	0.59
NAVICULA VIRIDULA	1.2	0.12
NITZSCHIA ACICULARIS	2.4	0.24
NITZSCHIA BACATA	1.2	0.12
NITZSCHIA CONFINIS	7.2	0.71
NITZSCHIA DISSIPATA	1.2	0.12
NITZSCHIA FONTICOLA V PELAGICA	1.2	0.12
NITZSCHIA FONTICOLA	10.8	1.06
NITZSCHIA KUETZINGIANA	8.4	0.82
NITZSCHIA PALEA	3.6	0.35
NITZSCHIA SP.	8.4	0.82
NITZSCHIA SP. (AFF. N. CONFINIS)	3.6	0.35
NITZSCHIA SP. #1	3.6	0.35
NITZSCHIA SP. #2	1.2	0.12
NITZSCHIA SP. #7	1.2	0.12
NITZSCHIA SP. #9	6.0	0.59
OOCYSTIS SP.	16.9	1.65
RHIZOSOLENIA ERIENSIS	1.2	0.12
RHOICOSPHENIA CURVATA	1.2	0.12
SCENEDESMUS BICELLULARIS	2.4	0.24
SCENEDESMUS DIMORPHUS	4.8	0.47
SCENEDESMUS SP.	26.5	2.59
SCENEDESMUS TETRADESMIFORMIS	12.0	1.18
STEPHANODISCUS ALPINUS	22.9	2.23
STEPHANODISCUS HANTZSCHII	6.0	0.59
STEPHANODISCUS MINUTUS	34.9	3.41
STEPHANODISCUS SP.	8.4	0.82
STEPHANODISCUS SUBTILIS	31.3	3.06
STEPHANODISCUS TENUIS	45.7	4.47
SYNEDRA ACUS	1.2	0.12
SYNEDRA DEMERARAE	2.4	0.24
SYNEDRA FILIFORMIS	7.2	0.71
TABELLARIA FENESTRATA V. INTERMEDIA	28.9	2.82
TOTAL	1024.5	100.0

DC-1 NO.OF FORMS = 63 DIVERSITY = 4.62
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. LIBYCA	1.2	0.10
AMPHORA OVALIS V. PEDICULUS	2.4	0.21
AMPHORA SIBIRICA	1.2	0.10
AMPHORA SP.	4.8	0.41
ANACYSTIS INCERTA	138.4	11.79
ANACYSTIS THERMALIS	92.7	7.90
ANKISTRODESMUS SP. #3	3.6	0.31
ASTERIONELLA FORMOSA	32.5	2.77
CRUCIGENIA QUADRATA	40.9	3.49
CRYPTOMONAS SP.	39.7	3.38
CYCLOTELLA COMTA	1.2	0.10
CYCLOTELLA CRYPTICA	1.2	0.10
CYCLOTELLA MICHIGANIANA	20.5	1.74
CYCLOTELLA OCELLATA	4.8	0.41
CYCLOTELLA SP.	1.2	0.10
CYCLOTELLA STELLIGERA	1.2	0.10
FLAGELLATES	144.5	12.31
FRAGILARIA CONSTRUENS	16.9	1.44
FRAGILARIA CONSTRUENS V. VENTER	6.0	0.51
FRAGILARIA CROTONENSIS	150.5	12.82
FRAGILARIA INTERMEDIA V. FALLAX	1.2	0.10
FRAGILARIA PINNATA	2.4	0.21
GREEN COCCOID, UNKNOWN	49.4	4.21
GREEN FILAMENT, UNKNOWN	3.6	0.31
MELOSIRA GRANULATA	33.7	2.87
MELOSIRA GRANULATA V. ANGUSTISSIMA	47.0	4.00
MELOSIRA ITALICA	21.7	1.85
NAVICULA CAPITATA	3.6	0.31
NAVICULA CAPITATA V. LUNEBURGENSIS	1.2	0.10
NAVICULA DECUSSIS	1.2	0.10
NAVICULA GREGARIA	2.4	0.21
NAVICULA LATENS	1.2	0.10
NAVICULA RHYNCHOCEPHALA	1.2	0.10
NAVICULA SP.	4.8	0.41
NITZSCHIA ACICULARIS	10.8	0.92
NITZSCHIA DACATA	1.2	0.10
NITZSCHIA CONFINIS	6.0	0.51
NITZSCHIA FONTICOLA	10.8	0.92
NITZSCHIA KUETZINGIANA	14.4	1.23
NITZSCHIA PALEA	4.8	0.41
NITZSCHIA SP.	4.8	0.41
NITZSCHIA SP. #10	1.2	0.10
NITZSCHIA SP. #1	2.4	0.21
NITZSCHIA SP. #2	3.6	0.31
OPSTRUPIA ZACHARIASI	1.2	0.10
SCENEDESMUS BICELLULARIS	4.8	0.41
SCENEDESMUS DIMORPHUS	4.8	0.41
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.8	0.41
SCENEDESMUS SP.	16.9	1.44
SCENEDESMUS TETRADESMIFORMIS	14.4	1.23
STEPHANODISCUS ALPINUS	30.1	2.56
STEPHANODISCUS AUXOSPORE	1.2	0.10
STEPHANODISCUS HANTZSCHII	13.2	1.13
STEPHANODISCUS MINUTUS	51.8	4.41
STEPHANODISCUS SP.	9.6	0.82
STEPHANODISCUS SUBTILIS	34.9	2.97
STEPHANODISCUS TENUIS	20.5	1.74
SURIRELLA OVATA	1.2	0.10
SYNEDRA FILIFORMIS	10.8	0.92
SYNEDRA ULNA	1.2	0.10
TABELLARIA FENESTRATA	1.2	0.10
TABELLARIA FENESTRATA V. INTERMEDIA	8.4	0.72
THALASSIOSIRA PSEUDONANA	2.4	0.21
TOTAL	1173.8	100.0

DC-2 NO.OF FORMS = 59 DIVERSITY = 4.33
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	3.6	0.38
AMPHORA SP.	2.4	0.26
ANACYSTIS THERMALIS	121.6	12.95
ANKISTRODESMUS SP. #3	4.8	0.51
ASTERIONELLA FORMOSA	45.7	4.87
CRYPTOMONAS SP.	21.7	2.31
CYCLOTELLA CRYPTICA	3.6	0.38
CYCLOTELLA MICHIGANIANA	13.2	1.41
CYCLOTELLA OCELLATA	9.6	1.03
CYCLOTELLA OPPECULATA	1.2	0.13
CYCLOTELLA SP.	3.6	0.38
CYCLOTELLA STELLIGERA	8.4	0.90
DIATOMA TENUE V. ELONGATUM	1.2	0.13
FLAGELLATES	148.1	15.77
FRAGILARIA CAPUCINA	1.2	0.13
FRAGILARIA CONSTRUENS	2.4	0.26
FRAGILARIA CROTONENSIS	4.8	0.51
FRAGILARIA PINNATA V. LANCETTULA	6.0	0.64
FRAGILARIA SP.	2.4	0.26
GOMPHOSPHAERIA LACUSTRIS	186.6	19.87
GREEN COCCOID, UNKNOWN	16.9	1.79
GREEN COLONY, UNKNOWN	56.6	6.03
MELOSIRA GRANULATA	8.4	0.90
MELOSIRA GRANULATA V. ANGUSTISSIMA	13.2	1.41
MELOSIRA ISLANDICA	1.2	0.13
MELOSIRA ITALICA	7.2	0.77
NAVICULA CAPITATA	2.4	0.26
NAVICULA LATENS	2.4	0.26
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.13
NAVICULA SP.	2.4	0.26
NITZSCHIA ACICULARIS	10.8	1.15
NITZSCHIA BACATA	1.2	0.13
NITZSCHIA CONFINIS	1.2	0.13
NITZSCHIA DISSIPATA	1.2	0.13
NITZSCHIA FONTICOLA	12.0	1.28
NITZSCHIA KUETZINGIANA	13.2	1.41
NITZSCHIA PALEA	2.4	0.26
NITZSCHIA PALEACEA	1.2	0.13
NITZSCHIA SP.	3.6	0.38
NITZSCHIA SP. #10	2.4	0.26
NITZSCHIA SP. #1	6.0	0.64
NITZSCHIA SP. #9	6.0	0.64
OSCILLATORIA LIMNETICA	1.2	0.13
OSCILLATORIA RETZII	1.2	0.13
SCENEDESMUS BICELLULARIS	2.4	0.26
SCENEDESMUS SP.	14.4	1.54
STEPHANODISCUS ALPINUS	15.7	1.67
STEPHANODISCUS HANTZSCHII	7.2	0.77
STEPHANODISCUS MINUTUS	37.3	3.97
STEPHANODISCUS SP.	10.8	1.15
STEPHANODISCUS SUBTILIS	25.3	2.69
STEPHANODISCUS TENUIS	16.9	1.79
SURIRELLA ANGUSTA	2.4	0.26
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	10.1	1.08
SYNEDRA OSTENFELDII	3.6	0.38
SYNEDRA ULNA V. CHASEANA	1.2	0.13
TABELLARIA FENESTRATA	1.2	0.13
TABELLARIA FENESTRATA V. INTERMEDIA	6.0	0.64
THALASSIOSIRA PSEUDONANA	8.4	0.90
TOTAL	939.0	100.00

DC-3 NO.OF FORMS = 50 DIVERSITY = 3.26
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	3.6	0.40
AMPHORA SPECIFICA	1.2	0.13
ANACYSTIS THERMALIS	71.0	7.92
ASTERIONELLA FORMOSA	3.6	0.40
CRUCIGENIA QUADRATA	4.8	0.54
CRYPTOMONAS SP.	21.7	2.42
CYCLOTELLA COMTA	2.4	0.27
CYCLOTELLA CRYPTICA	2.4	0.27
CYCLOTELLA MICHIGANIANA	18.1	2.01
CYCLOTELLA OCELLATA	4.8	0.54
CYCLOTELLA SP.	1.2	0.13
FLAGELLATES	166.1	18.52
FRAGILARIA CAPUCINA	1.2	0.13
FRAGILARIA CROTONENSIS	7.2	0.81
FRAGILARIA SP.	1.2	0.13
GOMPHOSPHAERIA LACUSTRIS	397.3	44.30
MELOSIRA GRANULATA	15.7	1.74
MELOSIRA GRANULATA V. ANGUSTISSIMA	4.8	0.54
MELOSIRA ITALICA	8.4	0.94
MELOSIRA SP.	1.2	0.13
NAVICULA LANCEOLATA	1.2	0.13
NAVICULA LATENS	1.2	0.13
NITZSCHIA ACICULARIS	7.2	0.81
NITZSCHIA ACUTA	1.2	0.13
NITZSCHIA BACATA	3.6	0.40
NITZSCHIA CONFINIS	3.6	0.40
NITZSCHIA FONTICOLA	8.4	0.94
NITZSCHIA KUETZINGIANA	7.2	0.81
NITZSCHIA PALEA	3.6	0.40
NITZSCHIA SP.	6.0	0.67
NITZSCHIA SP. #10	8.4	0.94
NITZSCHIA SP. #1	6.0	0.67
NITZSCHIA SP. #2	1.2	0.13
NITZSCHIA SP. #9	1.2	0.13
OSCILLATORIA LIMNETICA	2.4	0.27
RHIZOSOLENIA GRACILIS	1.2	0.13
SCENEDESMUS BICELLULARIS	2.4	0.27
SCENEDESMUS SP.	9.6	1.07
STEPHANODISCUS ALPINUS	4.8	0.54
STEPHANODISCUS HANTZSCHII	6.0	0.67
STEPHANODISCUS MINUTUS	16.9	1.88
STEPHANODISCUS SP.	12.0	1.34
STEPHANODISCUS SUBTILIS	16.9	1.88
STEPHANODISCUS TENUIS	4.8	0.54
SURIRELLA ANGUSTA	1.2	0.13
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.13
SYNEDRA FILIFORMIS	4.8	0.54
SYNEDRA SP.	2.4	0.27
TABELLARIA FENESTRATA V. INTERMEDIA	8.4	0.94
THALASSIOSIRA PSEUDONANA	3.6	0.40
TOTAL	896.4	100.00

DC-4 NO.OF FORMS = 51 DIVERSITY = 3.26
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	6.0	0.53
AMPHORA SP.	1.2	0.11
ANACYSTIS THERMALIS	65.0	5.74
ANKISTRODESMUS SP. #3	2.4	0.21
ASTERIONELLA FORMOSA	31.3	2.77
CALONEIS SP.	1.2	0.11
CRUCIGENIA QUADRATA	9.6	0.85
CRYPTOMONAS SP.	12.0	1.06
CYCLOTELLA COMTA	1.2	0.11
CYCLOTELLA CRYPTICA	2.4	0.21
CYCLOTELLA MICHIGANIANA	8.4	0.74
CYCLOTELLA OCELLATA	4.8	0.43
CYCLOTELLA SP.	2.4	0.21
DICTYOSPHAERIUM SP.	20.5	1.81
DIPLONEIS BOLDTIANA	1.2	0.11
FLAGELLATES	149.3	13.19
FRAGILARIA CAPUCINA	2.4	0.21
FRAGILARIA CROTONENSIS	95.1	8.40
FRAGILARIA PINNATA	3.6	0.32
GOMPHOSPHAERIA LACUSTRIS	523.7	46.28
MELOSIRA GRANULATA	21.7	1.91
MELOSIRA GRANULATA V. ANGUSTISSIMA	8.4	0.74
MELOSIRA ITALICA	10.8	0.96
NAVICULA SP.	1.2	0.11
NITZSCHIA ACICULARIS	4.8	0.43
NITZSCHIA ANGUSTATA	1.2	0.11
NITZSCHIA CONFINIS	8.4	0.74
NITZSCHIA FONTICOLA	1.2	0.11
NITZSCHIA KUETZINGIANA	4.8	0.43
NITZSCHIA PALEA	1.2	0.11
NITZSCHIA SI.	6.0	0.53
NITZSCHIA SP. #10	3.6	0.32
NITZSCHIA SP. #1	1.2	0.11
NITZSCHIA SP. #9	3.6	0.32
SCENEDESMUS BICELLULARIS	7.2	0.64
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.8	0.43
SCENEDESMUS SP.	4.8	0.43
SCENEDESMUS TETRADESMIFORMIS	4.8	0.43
STEPHANODISCUS ALPINUS	8.4	0.74
STEPHANODISCUS AUXOSPORE	1.2	0.11
STEPHANODISCUS HANTZSCHII	8.4	0.74
STEPHANODISCUS MINUTUS	13.2	1.17
STEPHANODISCUS SP.	7.2	0.64
STEPHANODISCUS SUBTILIS	19.3	1.72
STEPHANODISCUS TENUIS	10.8	0.96
SURIRELLA ANGUSTA	2.4	0.21
SYNEDRA ACUS	1.2	0.11
SYNEDRA FILIFORMIS	2.4	0.21
TABELLARIA FENESTRATA	1.2	0.11
TABELLARIA FENESTRATA V. INTERMEDIA	8.4	0.74
THALASSIOSIRA PSEUDONANA	3.6	0.32
TOTAL	1131.7	100.0

DC-5 NO.OF FORMS = 46 DIVERSITY = 3.36
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.10
AMPHORA OVALIS	1.2	0.10
AMPHORA SP.	2.4	0.20
ANACYSTIS INCERTA	79.5	6.64
ANACYSTIS SP.	28.9	2.41
ANACYSTIS THERMALIS	32.5	2.72
ASTERIONELLA FORMOSA	4.8	0.40
CRYPTOMONAS SP.	20.5	1.71
CYCLOTELLA MENEGHINIANA	1.2	0.10
CYCLOTELLA MICHIGANIANA	16.9	1.41
CYCLOTELLA OCELLATA	12.0	1.01
CYCLOTELLA SP.	4.8	0.40
CYCLOTELLA STELLIGERA	6.0	0.50
FLAGELLATES	248.0	20.72
FRAGILARIA CROTONENSIS	3.6	0.30
GOMPHOSPHAERIA LACUSTRIS	463.5	38.73
GREEN COCCOID, UNKNOWN	14.4	1.21
MELOSIRA GRANULATA	22.9	1.91
MELOSIRA ITALICA	2.4	0.20
MELOSIRA SP.	2.4	0.20
NAVICULA DECUSSIS	1.2	0.10
NAVICULA SP.	1.2	0.10
NITZSCHIA ACICULARIS	3.6	0.30
NITZSCHIA ACUTA	1.2	0.10
NITZSCHIA BACATA	9.6	0.80
NITZSCHIA CONFINIS	2.4	0.20
NITZSCHIA KUETZINGIANA	3.6	0.30
NITZSCHIA PALEA	7.2	0.60
NITZSCHIA SP.	4.8	0.40
NITZSCHIA SP. (AFF. N. CONFINIS)	1.2	0.10
NITZSCHIA SP. #10	2.4	0.20
NITZSCHIA SP. #1	2.4	0.20
NITZSCHIA SP. #8	2.4	0.20
RHIZOSOLENIA GRACILIS	1.2	0.10
SCENEDESMUS BICELLULARIS	2.4	0.20
SCENEDESMUS DIMORPHUS	3.6	0.30
SCENEDESMUS TETRADESMIFORMIS	18.1	1.51
STEPHANODISCUS ALPINUS	33.7	2.82
STEPHANODISCUS MINUTUS	39.7	3.32
STEPHANODISCUS SP.	3.6	0.30
STEPHANODISCUS SUBTILIS	33.7	2.82
STEPHANODISCUS TENUIS	10.8	0.91
SURIRELLA ANGUSTA	1.2	0.10
SYNEDRA FILIFORMIS	6.0	0.50
TABELLARIA FENESTRATA V. INTERMEDIA	24.1	2.01
THALASSIOSIRA PSEUDONANA	6.0	0.50
TOTAL	1196.7	100.0

DC-6 NO.OF FORMS = 31 DIVERSITY = 2.48
COUNTED BY: N.S.
METHOD: SEITTLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	32.5	3.18
ANACYSTIS THERMALIS	43.3	4.24
ANKISTRODESMUS GELIFACTUM	3.6	0.35
ANKISTRODESMUS SP. #3	1.2	0.12
ASTERIONELLA FORMOSA	32.5	3.18
CLOSTERIOPSIS SP.	1.2	0.12
CRUCIGENIA QUADRATA	12.0	1.18
CRYPTOMONAS SP.	7.2	0.71
CYCLOTELLA MICHIGANIANA	8.4	0.82
CYCLOTELLA OCELLATA	10.8	1.06
CYCLOTELLA SP.	1.2	0.12
CYCLOTELLA STELLIGERA	3.6	0.35
FLAGELLATES	204.7	20.00
FRAGILARIA CROTONENSIS	21.7	2.12
FRAGILARIA PINNATA	1.2	0.12
GOMPHOSPHAERIA LACUSTRIS	553.8	54.12
NAVICULA DECUSSIS	1.2	0.12
NITZSCHIA FRUSTULUM V. PERMINUTA	2.4	0.24
NITZSCHIA KUETZINGIANA	2.4	0.24
NITZSCHIA PALEA	2.4	0.24
NITZSCHIA SP.	1.2	0.12
NITZSCHIA SP. #1	1.2	0.12
NITZSCHIA SP. #2	1.2	0.12
PEDIASTRUM BORYANUM	1.2	0.12
RHIZOSOLENIA GRACILIS	1.2	0.12
SCENEDESMUS QUADRISPINOSUS	9.6	0.94
STEPHANODISCUS ALPINUS	9.6	0.94
STEPHANODISCUS MINUTUS	27.7	2.71
STEPHANODISCUS SUBTILIS	10.8	1.06
STEPHANODISCUS TENUIS	6.0	0.59
TABELLARIA FENESTRATA V. INTERMEDIA	6.0	0.59
TOTAL	1023.3	100.0

NDC.5-4 NO.OF FORMS = 55 DIVERSITY = 3.64
COUNTED BY: N.S.
METHOD: SEITTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. LIBYCA	2.4	0.10
ANACYSTIS INCERTA	902.9	36.76
ASTERIONELLA FORMOSA	74.6	3.04
COSMARIUM SP.	48.2	1.96
CRUCIGENIA QUADRATA	38.5	1.57
CRYPTOMONAS SP.	24.1	0.98
CYCLOTELLA CRYPTICA	7.2	0.29
CYCLOTELLA KUETZINGIANA	2.4	0.10
CYCLOTELLA MENEGHINIANA V. PLANA	2.4	0.10
CYCLOTELLA MENEGHINIANA	2.4	0.10
CYCLOTELLA MICHIGANIANA	24.1	0.98
CYCLOTELLA OCELLATA	7.2	0.29
CYCLOTELLA SP.	7.2	0.29
CYMBELLA SUBVENTRICOSA	2.4	0.10
DINOFLAGELLATES	7.2	0.29
FLAGELLATES	245.6	10.00
FRAGILARIA CROTONENSIS	137.2	5.59
FRAGILARIA PINNATA	12.0	0.49
GOMPHOSPHAERIA LACUSTRIS	240.8	9.80
GREEN COCCOID, UNKNOWN	40.9	1.67
MELOSIRA GRANULATA	219.1	8.92
MELOSIRA ITALICA	7.2	0.29
MOUGEOTIA SP.	7.2	0.29
NAVICULA CRYPTOCEPHALA V. VENETA	2.4	0.10
NAVICULA DECUSSIS	2.4	0.10
NAVICULA LATENS	2.4	0.10
NAVICULA PUPULA	4.8	0.20
NAVICULA SP.	14.4	0.59
NITZSCHIA ACICULARIS	4.8	0.20
NITZSCHIA ACUTA	2.4	0.10
NITZSCHIA CAPITELLATA	2.4	0.10
NITZSCHIA CONFINIS	9.6	0.39
NITZSCHIA FONTICOLA	16.9	0.69
NITZSCHIA KUETZINGIANA	14.4	0.59
NITZSCHIA PALEA	4.8	0.20
NITZSCHIA PALEACEA	2.4	0.10
NITZSCHIA SP.	24.1	0.98
NITZSCHIA SP. #1	4.8	0.20
NITZSCHIA SP. #9	2.4	0.10
SCENEDESMUS ACUMINATUS	9.6	0.39
SCENEDESMUS BICELLULARIS	9.6	0.39
SCENEDESMUS QUADRICAUDA V. LONGISPINA	9.6	0.39
SCENEDESMUS SP.	77.0	3.14
STEPHANODISCUS ALPINUS	21.7	0.88
STEPHANODISCUS MINUTUS	45.7	1.86
STEPHANODISCUS SP.	7.2	0.29
STEPHANODISCUS SUBTILIS	14.4	0.59
STEPHANODISCUS TENUIS	50.6	2.06
SURIRELLA ANGUSTA	2.4	0.10
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.10
SYNEDRA FILIFORMIS	12.0	0.49
SYNEDRA OSTENFELDII	4.8	0.20
SYNEDRA ULNA	2.4	0.10
TABELLARIA FENESTRATA V. INTERMEDIA	4.8	0.20
TABELLARIA FLOCCULOSA	2.4	0.10
TOTAL	2455.9	100.0

NDC.5-1 NO.OF FORMS = 56 DIVERSITY = 3.94
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. POSTRATA	1.2	0.13
AMPHIPLEURA PELLUCIDA	1.2	0.13
AMPHORA SP.	2.4	0.25
ANACYSTIS INCERTA	16.9	1.75
ANACYSTIS SP.	16.9	1.75
ANACYSTIS THERMALIS	62.6	6.50
ASTERIONELLA FORMOSA	12.0	1.25
CRYPTOMONAS SP.	12.0	1.25
CYCLOTELLA COMTA	7.2	0.75
CYCLOTELLA MENEGHINIANA	1.2	0.13
CYCLOTELLA MICHIGANIANA	3.6	0.38
CYCLOTELLA OCELLATA	7.2	0.75
CYCLOTELLA SP.	2.4	0.25
FLAGELLATES	160.1	16.63
FRAGILARIA BREVISTRIATA	2.4	0.25
FRAGILARIA CAPUCINA	72.2	7.50
FRAGILARIA CONSTRUENS	4.8	0.50
FRAGILARIA CROTONENSIS	69.8	7.25
FRAGILARIA PINNATA	2.4	0.25
FRAGILARIA SP.	1.2	0.13
GOMPHOSPHAERIA LACUSTRIS	282.9	29.38
GREEN COCCOID, UNKNOWN	4.8	0.50
MELOSIRA GRANULATA	27.7	2.88
MELOSIRA GRANULATA V. ANGUSTISSIMA	6.0	0.63
MELOSIRA ISLANDICA	1.2	0.13
MELOSIRA ITALICA	2.4	0.25
MELOSIRA SP.	1.2	0.13
NAVICULA DECUSSIS	1.2	0.13
NAVICULA GREGARIA	1.2	0.13
NAVICULA LATENS	3.6	0.38
NAVICULA SP.	8.4	0.88
NITZSCHIA ACICULARIS	2.4	0.25
NITZSCHIA BACATA	3.6	0.38
NITZSCHIA CONFINIS	9.6	1.00
NITZSCHIA FRUSTULUM	4.8	0.50
NITZSCHIA KUETZINGIANA	4.8	0.50
NITZSCHIA PALEA	3.6	0.38
NITZSCHIA SP.	12.0	1.25
NITZSCHIA SP. (AFF. N. CONFINIS)	2.4	0.25
NITZSCHIA SP. #1	3.6	0.38
NITZSCHIA SP. #8	1.2	0.13
NITZSCHIA SP. #9	2.4	0.25
RHIZOSOLENIA ERIENSIS	1.2	0.13
SCENEDESMUS ACUTIFORMIS	4.8	0.50
STEPHANODISCUS AIPINUS	8.4	0.88
STEPHANODISCUS HANTZSCHII	7.2	0.75
STEPHANODISCUS MINUTUS	32.5	3.38
STEPHANODISCUS SP.	1.2	0.13
STEPHANODISCUS SUBTILIS	15.7	1.63
STEPHANODISCUS TENUIS	9.6	1.00
SURIRELLA ANGUSTA	2.4	0.25
SURIRELLA SP. #4	1.2	0.13
SYNEDRA DEMERARAE	1.2	0.13
SYNEDRA FILIFORMIS	8.4	0.88
TABELLARIA FENESTRATA V. INTERMEDIA	15.7	1.63
THALASSIOSIRA PSEUDONANA	2.4	0.25
TOTAL	963.1	100.0

NDC.5-2 NO.OF FORMS = 51 DIVERSITY = 3.66
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	3.6	0.39
AMPHORA SP.	2.4	0.26
ANACYSTIS INCERTA	204.7	21.91
ANACYSTIS THERMALIS	38.5	4.12
ASTERIONELLA FORMOSA	36.1	3.87
CRYPTOMONAS SP.	25.3	2.71
CYCLOTELLA COMTA V. BOLDANICA	1.2	0.13
CYCLOTELLA CRYPTICA	2.4	0.26
CYCLOTELLA KUETZINGIANA	2.4	0.26
CYCLOTELLA MENEGHINIANA V. PLANA	1.2	0.13
CYCLOTELLA MENEGHINIANA	1.2	0.13
CYCLOTELLA MICHIGANIANA	15.7	1.68
CYCLOTELLA OCELLATA	2.4	0.26
FLAGELLATES	298.6	31.96
FRAGILARIA CONSTRUENS	4.8	0.52
FRAGILARIA CONSTRUENS V. MINUTA	1.2	0.13
FRAGILARIA CROTONENSIS	66.2	7.09
FRAGILARIA SP.	3.6	0.39
GLOEOCYSTIS PLANCTONICA	6.0	0.64
MELOSIRA GRANULATA	31.3	3.35
MELOSIRA ITALICA	7.2	0.77
NAVICULA ANGLICA V. SUBSALSA	1.2	0.13
NAVICULA CAPITATA	2.4	0.26
NAVICULA COSTULATA	1.2	0.13
NAVICULA SP.	1.2	0.13
NAVICULA TRIPUNCTATA	1.2	0.13
NITZSCHIA ACICULARIS	6.0	0.64
NITZSCHIA BACATA	3.6	0.39
NITZSCHIA CONFINIS	4.8	0.52
NITZSCHIA DISSIPATA	2.4	0.26
NITZSCHIA FONTICOLA	8.4	0.90
NITZSCHIA KUETZINGIANA	3.6	0.39
NITZSCHIA PALEA	1.2	0.13
NITZSCHIA PALEACEA	2.4	0.26
NITZSCHIA SP.	6.0	0.64
NITZSCHIA SP. #10	3.6	0.39
NITZSCHIA SP. #1	1.2	0.13
NITZSCHIA SP. #9	4.8	0.52
PEDIASTRUM TETRAS	1.2	0.13
SCENEDESMUS ACUMINATUS	4.8	0.52
SCENEDESMUS BICELLULARIS	2.4	0.26
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.8	0.52
SCENEDESMUS QUADRICAUDA	20.5	2.19
SCENEDESMUS SP.	2.4	0.26
STEPHANODISCUS AIPINUS	6.0	0.64
STEPHANODISCUS MINUTUS	30.1	3.22
STEPHANODISCUS SUBTILIS	20.5	2.19
STEPHANODISCUS TENUIS	3.6	0.39
SYNEDRA FILIFORMIS	10.8	1.16
SYNEDRA OSTENFELDII	2.4	0.26
TABELLARIA FENESTRATA V. INTERMEDIA	13.2	1.42
TOTAL	934.2	100.0

NDC 1-0 NO.OF FORMS = 65 DIVERSITY = 3.92
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	2.4	0.14
AMPHORA OVALIS V. PEDICULUS	1.2	0.07
AMPHORA SP.	3.6	0.21
ANABAENA FLOS-AQUAE	36.1	2.10
ANACYSTIS INCERTA	565.8	32.89
ANACYSTIS THERMALIS	62.6	3.64
ASTERIONELLA FORMOSA	20.5	1.19
COCCONEIS SP.	1.2	0.07
COELASTRUM SP.	26.5	1.54
CRYPTOMONAS SP.	27.7	1.61
CYCLOTELLA CRYPTICA	1.2	0.07
CYCLOTELLA MENEGHINIANA V. PLANA	2.4	0.14
CYCLOTELLA MENEGHINIANA	12.0	0.70
CYCLOTELLA MICHIGANIANA	8.4	0.49
CYCLOTELLA OCELLATA	1.2	0.07
CYCLOTELLA STELLIGERA	1.2	0.07
CYMBELLA AFFINIS	1.2	0.07
DIPLONEIS SP.	1.2	0.07
FLAGELLATES	134.8	7.84
FRAGILARIA CAPUCINA	4.8	0.28
FRAGILARIA CROTONENSIS	44.5	2.59
FRAGILARIA PINNATA	2.4	0.14
GLOEOCYSTIS PLANCTONICA	31.3	1.82
GLOEOCYSTIS SP.	36.1	2.10
GOMPHOSPHAERIA OLIVACEOIDES	1.2	0.07
GOMPHOSPHAERIA SP.	120.4	7.00
MELOSIRA DISTANS	1.2	0.07
MELOSIRA GRANULATA	198.6	11.55
MELOSIRA ISLANDICA	1.2	0.07
NAVICULA CRYPTOCEPHALA V. INTERMEDIA	1.2	0.07
NAVICULA CRYPTOCEPHALA V. VENETA	1.2	0.07
NAVICULA LATENS	1.2	0.07
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.07
NAVICULA SP.	7.2	0.42
NAVICULA TRIPUNCTATA	1.2	0.07
NITZSCHIA ACICULARIS	3.6	0.21
NITZSCHIA BACATA	1.2	0.07
NITZSCHIA CONFINIS	3.6	0.21
NITZSCHIA DISSIPATA	4.8	0.28
NITZSCHIA FONTICOLA	2.4	0.14
NITZSCHIA KUETZINGIANA	10.8	0.63
NITZSCHIA PALEA	2.4	0.14
NITZSCHIA SP.	9.6	0.56
NITZSCHIA SP. #10	2.4	0.14
NITZSCHIA SP. #1	2.4	0.14
OSCILLATORIA SP.	2.4	0.14
PEDIASTRUM DUPLEX	1.2	0.07
RHICOSPHENIA CURVATA	1.2	0.07
SCENEDESMUS ACUMINATUS	14.4	0.84
SCENEDESMUS BICELLULARIS	15.7	0.91
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.8	0.28
SCENEDESMUS SP.	38.5	2.24
STEPHANODISCUS ALPINUS	4.8	0.28
STEPHANODISCUS AUXOSPORE	2.4	0.14
STEPHANODISCUS BINDERANUS	4.8	0.28
STEPHANODISCUS HANTZSCHII	1.2	0.07
STEPHANODISCUS MINUTUS	44.5	2.59
STEPHANODISCUS SP.	6.0	0.35
STEPHANODISCUS SUBTILIS	32.5	1.89
STEPHANODISCUS TENUIS	78.3	4.55
SURIRELLA ANGUSTA	1.2	0.07
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.07
SYNEDRA DEMERARAE	4.8	0.28
SYNEDRA FILIFORMIS	7.2	0.42
TABELLARIA FENESTRATA V. INTERMEDIA	43.3	2.52
TOTAL	1720.4	100.0

NDC 1-1 NO.OF FORMS = 66 DIVERSITY = 3.34
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	1.2	0.06
AMPHIPLEURA PELLUCIDA	2.4	0.12
AMPHIPRORA ORNATA	1.2	0.06
AMPHORA SP.	2.4	0.12
ANACYSTIS INCERTA	788.6	38.57
ANACYSTIS THERMALIS	110.8	5.42
ANKISTRODESMUS GELIFACTUM	10.8	0.53
ASTERIONELLA FORMOSA	31.3	1.53
COCCONEIS SP.	1.2	0.06
COELASTRUM MICROPORUM	36.1	1.77
COSMARIUM SP. #1	3.6	0.18
CRUCIGENIA QUADRATA	24.1	1.18
CRYPTOMONAS SP.	32.5	1.59
CYCLOTELLA COMTA V. BOTANICA	1.2	0.06
CYCLOTELLA CRYPTICA	3.6	0.18
CYCLOTELLA MENEGHINIANA	3.6	0.18
CYCLOTELLA MICHIGANIANA	19.3	0.94
CYCLOTELLA OCELLATA	2.4	0.12
CYCLOTELLA SP.	1.2	0.06
CYCLOTELLA STELLIGERA	4.8	0.24
CYMBELLA SUBVENTRICOSA	1.2	0.06
DIATOMA TENUE	1.2	0.06
FLAGELLATES	481.6	23.56
FRAGILARIA CONSTRUENS V. VENTER	1.2	0.06
FRAGILARIA CROTONENSIS	107.1	5.24
FRAGILARIA PINNATA	2.4	0.12
GLOEOCYSTIS SP.	31.3	1.53
GOMPHONEMA SP.	1.2	0.06
MELOSIRA GRANULATA	47.0	2.30
MELOSIRA ITALICA	3.6	0.18
MELOSIRA SP.	3.6	0.18
NAVICULA COSTULATA	1.2	0.06
NAVICULA CRYPTOCEPHALA V. VENETA	1.2	0.06
NAVICULA DECUSSIS	3.6	0.18
NAVICULA GREGARIA	1.2	0.06
NAVICULA LATENS	4.8	0.24
NAVICULA NYASSENSIS	1.2	0.06
NAVICULA SP.	6.0	0.29
NAVICULA SP. #78	2.4	0.12
NITZSCHIA ACICULARIS	3.6	0.18
NITZSCHIA BACATA	6.0	0.29
NITZSCHIA CAPITELLATA	2.4	0.12
NITZSCHIA CONFINIS	8.4	0.41
NITZSCHIA DISSIPATA	2.4	0.12
NITZSCHIA FONTICOLA	10.8	0.53
NITZSCHIA KUETZINGIANA	19.3	0.94
NITZSCHIA PALEA	9.6	0.47
NITZSCHIA RECTA	1.2	0.06
NITZSCHIA SP.	10.8	0.53
NITZSCHIA SP. (AFF. N. CONFINIS)	1.2	0.06
NITZSCHIA SP. #10	9.6	0.47
NITZSCHIA SP. #1	2.4	0.12
SCENEDESMUS ACUMINATUS	9.6	0.47
SCENEDESMUS SP.	1.2	0.06
STEPHANODISCUS ALPINUS	8.4	0.41
STEPHANODISCUS AUXOSPORE	4.8	0.24
STEPHANODISCUS MINUTUS	53.0	2.59
STEPHANODISCUS SP.	2.4	0.12
STEPHANODISCUS SUBTILIS	39.7	1.94
STEPHANODISCUS TENUIS	8.4	0.41
STEPHANODISCUS TENUIS AUXOSPORE	1.2	0.06
SURIRELLA ANGUSTA	2.4	0.12
SYNEDRA FILIFORMIS	12.0	0.59
SYNEDRA OSTENFELDII	1.2	0.06
SYNEDRA VAUCHERIAE	2.4	0.12
TABELLARIA FENESTRATA V. INTERMEDIA	24.1	1.18
TOTAL	2044.2	100.0

NDC 1-2 NO.OF FORMS = 30 DIVERSITY = 3.68
COUNTED BY: N.S.
METHOD: SEITLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	6.0	0.55
ANACYSTIS INCERTA	361.2	33.04
ANACYSTIS THERMALIS	85.5	7.82
ASTERIONELLA FORMOSA	53.0	4.85
COCCONEIS SP.	1.2	0.11
COSMARIUM SP. #1	1.2	0.11
CRYPTOMONAS SP.	21.7	1.98
CYCLOTELLA COMTA V. ECLANICA	1.2	0.11
CYCLOTELLA MENEGHINIANA V. PLANA	1.2	0.11
CYCLOTELLA MENEGHINIANA	1.2	0.11
CYCLOTELLA MICHIGANIANA	19.3	1.76
CYCLOTELLA OCELLATA	3.6	0.33
CYCLOTELLA STELLIGERA	2.4	0.22
FLAGELLATES	173.4	15.86
FRAGILARIA CROTONENSIS	77.0	7.05
GLOEOCYSTIS PLANCTONICA	24.1	2.20
GOMPHONEMA INTRICATUM V PUMILA	1.2	0.11
GOMPHONEMA SP.	1.2	0.11
MELOSIRA GRANULATA	42.1	3.85
MELOSIRA ITALICA	3.6	0.33
NAVICULA COSTULATA	1.2	0.11
NAVICULA CRYPTOCEPHALA V. VENETA	1.2	0.11
NAVICULA DECUSSIS	1.2	0.11
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.11
NITZSCHIA ACICULARIS	12.0	1.10
NITZSCHIA CAPITELLATA	2.4	0.22
NITZSCHIA CONFINIS	1.2	0.11
NITZSCHIA DISSIPATA	1.2	0.11
NITZSCHIA FONTICOLA	4.8	0.44
NITZSCHIA KUETZINGIANA	16.9	1.54
NITZSCHIA PALEA	6.0	0.55
NITZSCHIA SPICULOIDES	1.2	0.11
NITZSCHIA SP.	8.4	0.77
NITZSCHIA SP. #10	3.6	0.33
NITZSCHIA SP. #1	7.2	0.66
NITZSCHIA SP. #9	3.6	0.33
SCENEDESMUS ACUMINATUS	4.8	0.44
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.8	0.44
SCENEDESMUS SP.	9.6	0.88
STEPHANODISCUS ALPINUS	3.6	0.33
STEPHANODISCUS MINUTUS	33.7	3.08
STEPHANODISCUS SP.	1.2	0.11
STEPHANODISCUS SUBTILIS AUXOSPORE	1.2	0.11
STEPHANODISCUS SUBTILIS	31.3	2.86
STEPHANODISCUS TENUIS	18.1	1.65
SURIRELLA OVATA	1.2	0.11
SYNEDRA DEMERARE	1.2	0.11
SYNEDRA FILIFORMIS	3.6	0.33
TABELLARIA FENESTRATA	6.0	0.55
TABELLARIA FENESTRATA V. INTERMEDIA	18.1	1.65
TOTAL	1093.1	100.0

STATION NDC-2-0 ON NEXT PAGE

NDC 2-1 NO.OF FORMS = 35 DIVERSITY = 3.28
COUNTED BY: S.K.
METHOD: SEITLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	60.2	4.05
ANACYSTIS THERMALIS	69.8	4.69
ASTERIONELLA FORMOSA	55.4	3.72
CRUCIGENIA QUADRATA	9.6	0.65
CRYPTOMONAS SP.	12.0	0.81
CYCLOTELLA MENEGHINIANA	4.8	0.32
CYCLOTELLA MICHIGANIANA	9.6	0.65
CYCLOTELLA OCELLATA	4.8	0.32
FLAGELLATES	199.8	13.43
FRAGILARIA CONSTRUENS	2.4	0.16
FRAGILARIA CROTONENSIS	293.8	19.74
FRAGILARIA SP.	2.4	0.16
GLOEOCYSTIS PLANCTONICA	33.7	2.27
GOMPHONEMA SP.	2.4	0.16
GOMPHOSPHAERIA LACUSTRIS	481.6	32.36
MELOSIRA GRANULATA	81.9	5.50
MELOSIRA ITALICA	4.8	0.32
NAVICULA DECUSSIS	2.4	0.16
NAVICULA LATENS	2.4	0.16
NITZSCHIA ACICULARIS	2.4	0.16
NITZSCHIA FONTICOLA	2.4	0.16
NITZSCHIA KUETZINGIANA	9.6	0.65
NITZSCHIA PALEA	2.4	0.16
NITZSCHIA SPICULOIDES	2.4	0.16
NITZSCHIA SP.	2.4	0.16
NITZSCHIA SP. #1	2.4	0.16
NITZSCHIA SP. #8	7.2	0.49
NITZSCHIA SP. #9	2.4	0.16
OSCILLATORIA LIMNETICA	2.4	0.16
STEPHANODISCUS ALPINUS	9.6	0.65
STEPHANODISCUS MINUTUS	43.3	2.91
STEPHANODISCUS SUBTILIS	9.6	0.65
STEPHANODISCUS TENUIS	21.7	1.46
SYNEDRA FILIFORMIS	4.8	0.32
TABELLARIA FENESTRATA V. INTERMEDIA	28.9	1.94
TOTAL	1488.0	100.0

NDC 2-0 NO.OF FORMS = 60 DIVERSITY = 4.28
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	4.8	0.16
AMPHORA OVALIS V. PEDICULUS	4.8	0.16
AMPHORA SP.	2.4	0.08
ANACYSTIS INCERTA	409.3	13.39
ANACYSTIS THERMALIS	48.2	1.57
ASTERIONELLA FORMOSA	45.7	1.50
CERATIUM HIRUNDINELLA	4.8	0.16
COCCONEIS SP.	2.4	0.08
COELASTRUM MICROPORUM	96.3	3.15
COELASTRUM SP.	72.2	2.36
CRUCIGENIA SP.	19.3	0.63
CRYPTOMONAS SP.	81.9	2.68
CYCLOTELLA CRYPTICA	2.4	0.08
CYCLOTELLA MENEGHINIANA	14.4	0.47
CYCLOTELLA MICHIGANIANA	4.8	0.16
CYCLOTELLA OCELLATA	2.4	0.08
DINOFLAGELLATES	45.7	1.50
FLAGELLATES	582.7	19.06
FRAGILARIA CONSTRUENS	4.8	0.16
FRAGILARIA CONSTRUENS V. MINUTA	2.4	0.08
FRAGILARIA CROTONENSIS	81.9	2.68
GLOEOCYSTIS PLANCTONICA	91.5	2.99
GLOEOCYSTIS SP.	31.3	1.02
GOMPHONEMA OLIVACEUM	2.4	0.08
GREEN COCCOID, UNKNOWN	9.6	0.31
MELOSIRA GRANULATA	491.2	16.06
MELOSIRA ISLANDICA	4.8	0.16
MELOSIRA ITALICA	2.4	0.08
MELOSIRA SP.	2.4	0.08
MOUGEOTIA SP.	7.2	0.24
NAVICULA CAPITATA	2.4	0.08
NAVICULA CRYPTOCEPHALA V. INTERMEDIA	2.4	0.08
NAVICULA DECUSSIS	4.8	0.16
NAVICULA GREGARIA	2.4	0.08
NAVICULA MENISCULUS V. UPSALIENSIS	2.4	0.08
NAVICULA SP.	9.6	0.31
NAVICULA TRIPUNCTATA	2.4	0.08
NITZSCHIA ACICULARIS	7.2	0.24
NITZSCHIA BACATA	2.4	0.08
NITZSCHIA CONFINIS	12.0	0.39
NITZSCHIA DISSIPATA	7.2	0.24
NITZSCHIA FONTICOLA	4.8	0.16
NITZSCHIA KURTZINGIANA	19.3	0.63
NITZSCHIA PALEA	9.6	0.31
NITZSCHIA SP.	7.2	0.24
NITZSCHIA SP. (AFF. N. CONFINIS)	2.4	0.08
NITZSCHIA SP. #1	4.8	0.16
OEDOGONIUM SP.	38.5	1.26
OOCYSTIS SP.	53.0	1.73
OSCILLATORIA LIMNETICA	2.4	0.08
OSCILLATORIA SP.	2.4	0.08
PEDIASTRUM DUPLEX	2.4	0.08
PEDIASTRUM TETRAS	2.4	0.08
PHOICOSPHENIA CURVATA	2.4	0.08
SCENEDESMUS ACUMINATUS	79.5	2.60
SCENEDESMUS QUADRICAUDA V. LONGISPINA	9.6	0.31
SCENEDESMUS QUADRICAUDA	28.9	0.94
SCENEDESMUS SP.	77.0	2.52
STEPHANODISCUS ALPINUS	24.1	0.79
STEPHANODISCUS AUXOSPORE	2.4	0.08
STEPHANODISCUS HANTZSCHII	2.4	0.08
STEPHANODISCUS MINUTUS	98.7	3.23
STEPHANODISCUS SP.	2.4	0.08
STEPHANODISCUS SUBTILIS	72.2	2.36
STEPHANODISCUS TENUIS	202.3	6.61
SURIRELLA ANGUSTA	4.8	0.16
SYNEDRA FILIFORMIS	19.3	0.63
TABELLARIA FENESTRATA	7.2	0.24
TABELLARIA FENESTRATA V. INTERMEDIA	43.3	1.42
TOTAL	3057.9	100.0

NDC 2-3 NO.OF FORMS = 55 DIVERSITY = 3.86
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	2.4	0.11
ACHNANTHES SP. #3	2.4	0.11
AMPHIPLEURA PELLUCIDA	2.4	0.11
AMPHORA OVALIS V. CONSTRICTA	2.4	0.11
ANACYSTIS INCERTA	358.8	16.41
ANACYSTIS THERMALIS	226.3	10.35
ANKISTRODESMUS SP. #2	4.8	0.22
ASTERIONELLA FORMOSA	9.6	0.44
BOTRYOCOCCUS BRAUNII	96.3	4.41
CRYPTOMONAS SP.	33.7	1.54
CYCLOTELLA CRYPTICA	7.2	0.33
CYCLOTELLA KUETZINGIANA V PLANETOPHORA	2.4	0.11
CYCLOTELLA KUETZINGIANA	2.4	0.11
CYCLOTELLA MENEGHINIANA	14.4	0.66
CYCLOTELLA MICHIGANIANA	12.0	0.55
CYCLOTELLA OCELLATA	9.6	0.44
CYCLOTELLA SP.	2.4	0.11
FLAGELLATES	515.3	23.57
FRAGILARIA CROTONENSIS	243.2	11.12
GLOEOCYSTIS PLANCTONICA	118.0	5.40
GOMPHOSPHAERIA LACUSTRIS	120.4	5.51
GREEN COCCOID, UNKNOWN	19.3	0.88
MELOSIRA DISTANS V. ALPIGENA	4.8	0.22
MELOSIRA GRANULATA	62.6	2.86
MELOSIRA GRANULATA V. ANGUSTISSIMA	2.4	0.11
MELOSIRA ISLANDICA	7.2	0.33
NAVICULA CRYPTOCEPHALA	2.4	0.11
NAVICULA STROESEI	2.4	0.11
NITZSCHIA ACICULARIS	7.2	0.33
NITZSCHIA CONFINIS	7.2	0.33
NITZSCHIA DISSIPATA	2.4	0.11
NITZSCHIA FONTICOLA	2.4	0.11
NITZSCHIA KUETZINGIANA	7.2	0.33
NITZSCHIA LONGISSIMA	2.4	0.11
NITZSCHIA PALEA	7.2	0.33
NITZSCHIA PALEACEA	7.2	0.33
NITZSCHIA SPICULOIDES	2.4	0.11
NITZSCHIA SP.	7.2	0.33
NITZSCHIA SP. #1	2.4	0.11
NITZSCHIA SP. #2	2.4	0.11
NITZSCHIA SP. #8	4.8	0.22
OSTREOPSIS ZACHARIASI	2.4	0.11
PHIZOSOLENIA ERIENSIS	2.4	0.11
SCENEDESMUS QUADRICAUDA V. LONGISPINA	19.3	0.88
SCENEDESMUS QUADRICAUDA	4.8	0.22
SCENEDESMUS SP.	19.3	0.88
STEPHANODISCUS MINUTUS	62.6	2.86
STEPHANODISCUS SUBTILIS	38.5	1.76
STEPHANODISCUS TENUIS	9.6	0.44
SURIRELLA ANGUSTA	2.4	0.11
SURIRELLA OVATA	2.4	0.11
SYNEDRA FILIFORMIS	26.5	1.21
SYNEDRA OSTENFELDII	7.2	0.33
TABELLARIA FENESTRATA	4.8	0.22
TABELLARIA FENESTRATA V. INTERMEDIA	33.7	1.54
TOTAL	2186.3	100.0

NDC 4-0 NO.OF FORMS = 48 DIVERSITY = 4.27
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES MINUTISSIMA	3.7	0.17
AMPHORA OVALIS V. CONSTRICTA	3.7	0.17
ASTERIONELLA FORMOSA	241.1	10.85
CALONEIS AMPHISBAENA	3.7	0.17
CRYPTOMONAS SP.	37.1	1.67
CYCLOTELLA MENEGHINIANA	3.7	0.17
CYCLOTELLA MICHIGANIANA	3.7	0.17
CYCLOTELLA OCELLATA	14.8	0.67
CYCLOTELLA SP.	22.3	1.00
CYCLOTELLA STELLIGERA	3.7	0.17
DIATOMA TENUE V. ELONGATUM	26.0	1.17
FLAGELLATES	129.8	5.84
FRAGILARIA CROTONENSIS	348.7	15.69
FRAGILARIA INTERMIDIA	163.2	7.35
GREEN COCCOID, UNKNOWN	22.3	1.00
MELOSIRA GRANULATA	148.4	6.68
MELOSIRA ISLANDICA	33.4	1.50
NAVICULA MENISCULUS V. UPSALIENSIS	3.7	0.17
NAVICULA PUPULA	3.7	0.17
NITZSCHIA BACATA	44.5	2.00
NITZSCHIA CONFINIS	11.1	0.50
NITZSCHIA DISSIPATA	11.1	0.50
NITZSCHIA FRUSTULUM V. PERMINUTA	3.7	0.17
NITZSCHIA INSECTA	3.7	0.17
NITZSCHIA RECTA	22.3	1.00
NITZSCHIA SPICULOIDES	14.8	0.67
NITZSCHIA SP.	7.4	0.33
NITZSCHIA SP. #2	37.1	1.67
OPEPHORA SP.	3.7	0.17
PHIZOSOLENIA ERIENSIS	3.7	0.17
PHIZOSOLENIA GRACILIS	7.4	0.33
SCENEDESMUS SP.	14.8	0.67
STEPHANODISCUS ALPINUS	40.8	1.84
STEPHANODISCUS ASTRAEA	14.8	0.67
STEPHANODISCUS BINDERANUS	11.1	0.50
STEPHANODISCUS HANTZSCHII	26.0	1.17
STEPHANODISCUS MINUTUS	244.9	11.02
STEPHANODISCUS SP.	11.1	0.50
STEPHANODISCUS SUBTILIS	66.8	3.01
STEPHANODISCUS TENUIS	259.7	11.69
SYNEDRA ACUS	11.1	0.50
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.33
SYNEDRA FILIFORMIS	63.1	2.84
SYNEDRA SP.	11.1	0.50
SYNEDRA TENERA	14.8	0.67
SYNEDRA ULNA V. CHAESAEA	7.4	0.33
TABELLARIA FENESTRATA V QUADRISEPTA	3.7	0.17
TABELLARIA FENESTRATA V. INTERMEDIA	26.0	1.17
TOTAL	2222.3	100.0

NDC 4-1 NO.OF FORMS = 69 DIVERSITY = 1.97
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	5.6	0.13
AMPHIPRORA ORNATA	1.9	0.04
AMPHORA OVALIS	7.4	0.17
AMPHORA OVALIS V. CONSTRICTA	1.9	0.04
AMPHORA OVALIS V. GRACILIS	1.9	0.04
ANACYSTIS INCERTA	46.4	1.05
ANACYSTIS THERMALIS	26.0	0.59
ANKISTRODESMUS SP. #3	5.6	0.13
ASTERIONELLA FORMOSA	141.0	3.18
CHROOCOCCUS DISPERSUS	107.6	2.43
CRYPTOMONAS SP.	27.8	0.63
CYCLOTELLA COMTA	7.4	0.17
CYCLOTELLA CRYPTICA	9.3	0.21
CYCLOTELLA MENEGHINIANA	9.3	0.21
CYCLOTELLA MICHIGANIANA	20.4	0.46
CYCLOTELLA OCELLATA	5.6	0.13
CYCLOTELLA OPERCULATA	1.9	0.04
CYCLOTELLA STELLIGERA	5.6	0.13
FLAGELLATES	3320.4	74.96
FRAGILARIA CAPUCINA	24.1	0.54
FRAGILARIA CONSTRUENS	3.7	0.08
FRAGILARIA CROTONENSIS	77.9	1.76
FRAGILARIA PINNATA	1.9	0.04
FRAGILARIA PINNATA V. LANCETTULA	1.9	0.04
GLOEOCYSTIS PLANCTONICA	42.7	0.96
GLOEOCYSTIS SP.	7.4	0.17
GOMPHONEMA OLIVACEUM	3.7	0.08
GREEN COCCOID, UNKNOWN	27.8	0.63
GREEN FILAMENT, UNKNOWN	1.9	0.04
MELOSIRA GRANULATA	165.1	3.73
MERIDION CIRCULARE	1.9	0.04
NAVICULA DECUSSIS	1.9	0.04
NAVICULA LUZONENSIS	1.9	0.04
NAVICULA SP.	3.7	0.08
NITZSCHIA ACICULARIS	3.7	0.08
NITZSCHIA BACATA	11.1	0.25
NITZSCHIA CAPITELLATA	1.9	0.04
NITZSCHIA CONFINIS	1.9	0.04
NITZSCHIA FONTICOLA	1.9	0.04
NITZSCHIA FRUSTULUM	1.9	0.04
NITZSCHIA KUETZINGIANA	5.6	0.13
NITZSCHIA PALEA	3.7	0.08
NITZSCHIA PALEACEA	3.7	0.08
NITZSCHIA ROMANA	1.9	0.04
NITZSCHIA SPICULOIDES	5.6	0.13
NITZSCHIA SP.	5.6	0.13
NITZSCHIA SP. #18	1.9	0.04
NITZSCHIA SP. #1	1.9	0.04
NITZSCHIA SP. #8	1.9	0.04
OOCYSTIS SP.	3.7	0.08
OSCILLATORIA LIMNETICA	3.7	0.08
SCENEDESMUS BICELLULARIS	3.7	0.08
SCENEDESMUS DIMORPHUS	7.4	0.17
SCENEDESMUS SP.	3.7	0.08
STEPHANODISCUS ALPINUS	14.8	0.34
STEPHANODISCUS ASTRAEA	3.7	0.08
STEPHANODISCUS HANTZSCHII	3.7	0.08
STEPHANODISCUS MINUTUS	53.8	1.21
STEPHANODISCUS SUBTILIS	51.9	1.17
STEPHANODISCUS TENUIS	68.6	1.55
SURIRELLA ANGUSTA	5.6	0.13
SURIRELLA OVATA V. PINNATA	1.9	0.04
SYNEDRA ACUS	3.7	0.08
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.9	0.04
SYNEDRA FILIFORMIS	14.8	0.34
SYNEDRA RUMPENS V. MENEGHINIANA	1.9	0.04
SYNEDRA SP.	1.9	0.04
TABELLARIA FENESTRATA V. INTERMEDIA	3.7	0.08
TETRAEDRON REGULARE	1.9	0.04
TOTAL	4429.6	100.0

NDC 4-3 NO.OF FORMS = 48 DIVERSITY = 4.38
COUNTED BY: D.B.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA	1.9	0.19
AMPHIPLEURA PELLUCIDA	3.7	0.39
ANACYSTIS INCERTA	120.6	12.55
ANACYSTIS THERMALIS	18.5	1.93
ANKISTRODESMUS GELIFACTUM	7.4	0.77
ASTERIONELLA FORMOSA	48.2	5.02
CHROOCOCCUS DISPERSUS	37.1	3.86
COSMARIUM SP. #1	1.9	0.19
CRYPTOMONAS SP.	27.8	2.90
CYCLOTELLA COMTA	1.9	0.19
CYCLOTELLA CRYPTICA	3.7	0.39
CYCLOTELLA KUETZINGIANA V RADIOSA	1.9	0.19
CYCLOTELLA MENEGHINIANA	5.6	0.58
CYCLOTELLA MICHIGANIANA	13.0	1.35
CYCLOTELLA OCELLATA	14.8	1.54
CYCLOTELLA STELLIGERA	11.1	1.16
CYCLOTELLA TEMPEREI	1.9	0.19
FLAGELLATES	202.2	21.04
FRAGILARIA CROTONENSIS	53.8	5.60
FRAGILARIA INTERMEDIA	40.8	4.25
GLOEOCYSTIS PLANCTONICA	22.3	2.32
GLOEOCYSTIS SP.	1.9	0.19
MELOSIRA GRANULATA	40.8	4.25
MELOSIRA ISLANDICA	3.7	0.39
MELOSIRA VARIANS	3.7	0.39
NAVICULA ANGLICA	1.9	0.19
NAVICULA MENISCULUS V. UPSALIENSIS	1.9	0.19
NAVICULA PUPULA	1.9	0.19
NITZSCHIA ACICULARIS	1.9	0.19
NITZSCHIA BACATA	1.9	0.19
NITZSCHIA FONTICOLA	3.7	0.39
NITZSCHIA KUETZINGIANA	9.3	0.97
NITZSCHIA PALEA	5.6	0.58
NITZSCHIA PALEACEA	1.9	0.19
NITZSCHIA SPEC. #15	3.7	0.39
NITZSCHIA SPICULOIDES	7.4	0.77
NITZSCHIA SP. #1	9.3	0.97
SCENEDESMUS BICELLULARIS	18.5	1.93
SCENEDESMUS QUADRICAUDA V. LONGISPINA	26.0	2.70
STEPHANODISCUS ALPINUS	20.4	2.12
STEPHANODISCUS ASTRAEA	1.9	0.19
STEPHANODISCUS HANTZSCHII	1.9	0.19
STEPHANODISCUS MINUTUS	48.2	5.02
STEPHANODISCUS SUBTILIS	46.4	4.83
STEPHANODISCUS TENUIS	9.3	0.97
SYNEDRA AMPHICEPHALA	1.9	0.19
SYNEDRA FILIFORMIS	11.1	1.16
TABELLARIA FENESTRATA V. INTERMEDIA	35.2	3.67
TOTAL	960.9	100.0

NDC 4-4 NO.OF FORMS = 36 DIVERSITY = 2.67
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	319.0	46.49
ANACYSTIS THERMALIS	24.1	3.51
ANKISTRODESMUS FRACTUS	1.2	0.18
ASTERIONELLA FORMOSA	13.2	1.93
CRYPTOMONAS SP.	15.7	2.28
CYCLOTELLA ATOMUS	1.2	0.18
CYCLOTELLA COMTA	1.2	0.18
CYCLOTELLA CRYPTICA	1.2	0.18
CYCLOTELLA KUETZINGIANA	1.2	0.18
CYCLOTELLA MENEGHINIANA	2.4	0.35
CYCLOTELLA MICHIGANIANA	8.4	1.23
CYCLOTELLA OCELLATA	2.4	0.35
FLAGELLATES	178.2	25.97
FRAGILARIA CROTONENSIS	31.3	4.56
GLOEOCYSTIS PLANCTONICA	14.4	2.11
MELOSIRA GRANULATA	2.4	0.35
MELOSIRA ISLANDICA	1.2	0.18
NITZSCHIA ACICULARIS	1.2	0.18
NITZSCHIA BACATA	1.2	0.18
NITZSCHIA DISSIPATA	2.4	0.35
NITZSCHIA KUETZINGIANA	3.6	0.53
NITZSCHIA PALEA	1.2	0.18
NITZSCHIA SP.	2.4	0.35
NITZSCHIA SP. #1	1.2	0.18
NITZSCHIA SP. #8	1.2	0.18
NITZSCHIA SP. #9	2.4	0.35
OSCILLATORIA LIMNETICA	1.2	0.18
RHIZOSOLENIA ERIENSIS	1.2	0.18
SCENEDESMUS BICELLULARIS	7.2	1.05
SCENEDESMUS BIJUGA	4.8	0.70
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.4	0.35
STEPHANODISCUS ALPINUS	1.2	0.18
STEPHANODISCUS MINUTUS	22.9	3.33
STEPHANODISCUS SUBTILIS	7.2	1.05
SURIRELLA ANGUSTA	1.2	0.18
SYNEDRA FILIFORMIS	1.2	0.18
TOTAL	686.2	100.0

NDC 7-1 NO.OF FORMS = 46 DIVERSITY = 3.95
COUNTED BY: D.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.17
AMPHORA OVALIS	1.2	0.17
ASTERIONELLA FORMOSA	2.4	0.34
CRUCIGENIA QUADRATA	4.8	0.67
CRYPTOMONAS SP.	10.8	1.51
CYCLOTELLA MENEGHINIANA	18.1	2.52
CYCLOTELLA MICHIGANIANA	33.7	4.71
CYCLOTELLA OCELLATA	3.6	0.50
CYCLOTELLA SP.	9.6	1.34
CYCLOTELLA STELLIGERA	6.0	0.84
DIPLONEIS SP.	1.2	0.17
FLAGELLATES	181.8	25.38
FRAGILARIA CONSTRUENS	4.8	0.67
FRAGILARIA CONSTRUENS V. MINUTA	1.2	0.17
FRAGILARIA INTERMEDIA V. FALLAX	4.8	0.67
FRAGILARIA SP.	2.4	0.34
GLOEOCYSTIS PLANCTONICA	9.6	1.34
GREEN COLONY, UNKNOWN	4.8	0.67
MALLOMONAS PSEUDOCORONATA	1.2	0.17
MELOSIRA GRANULATA	113.2	15.80
MELOSIRA GRANULATA V. ANGUSTISSIMA	33.7	4.71
MELOSIRA ITALICA	9.6	1.34
NAVICULA DECUSSIS	2.4	0.34
NAVICULA SP.	4.8	0.67
NITZSCHIA ACICULARIS	2.4	0.34
NITZSCHIA BACATA	2.4	0.34
NITZSCHIA CONFINIS	4.8	0.67
NITZSCHIA DISSIPATA	1.2	0.17
NITZSCHIA FONTICOLA	4.8	0.67
NITZSCHIA PALEA	3.6	0.50
NITZSCHIA PALEACEA	9.6	1.34
NITZSCHIA SP.	4.8	0.67
NITZSCHIA SP. #1	1.2	0.17
OSCILLATORIA SP.	1.2	0.17
PEDIASTRUM BORYANUM	1.2	0.17
SCENEDESMUS ACUMINATUS	26.5	3.70
SCENEDESMUS SP.	7.2	1.01
STAURASTRUM PARADOXICUM	1.2	0.17
STEPHANODISCUS ALPINUS	27.7	3.87
STEPHANODISCUS MINUTUS	21.7	3.03
STEPHANODISCUS SP.	10.8	1.51
STEPHANODISCUS TENUIS	98.7	13.78
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.6	0.50
SYNEDRA FILIFORMIS	6.0	0.84
SYNEDRA ULNA	1.2	0.17
TABELLARIA FENESTRATA V. INTERMEDIA	7.2	1.01
TOTAL	716.3	100.0

NDC 7-3 NO.OF FORMS = 40 DIVERSITY = 3.03
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.19
AMPHORA NEGLECTA	1.2	0.19
AMPHORA SP.	1.2	0.19
ANACYSTIS INCERTA	240.8	37.31
ANKISTRODESMUS SP. #3	1.2	0.19
COELASTRUM SP.	2.4	0.37
CRYPTOMONAS SP.	10.8	1.68
CYCLOTELLA ATOMUS	1.2	0.19
CYCLOTELLA MENEGHINIANA	6.0	0.93
CYCLOTELLA MICHIGANIANA	6.0	0.93
CYCLOTELLA OCELLATA	2.4	0.37
CYCLOTELLA SP.	1.2	0.19
FLAGELLATES	132.4	20.52
FRAGILARIA CONSTRUENS V. MINUTA	1.2	0.19
FRAGILARIA CONSTRUENS V. VENTER	3.6	0.56
FRAGILARIA PINNATA	2.4	0.37
FRAGILARIA PINNATA V. LANCETTULA	1.2	0.19
GLOEOCYSTIS PLANCTONICA	2.4	0.37
MELOSIRA GRANULATA	99.9	15.49
MELOSIRA ISLANDICA	1.2	0.19
MELOSIRA ITALICA	1.2	0.19
NAVICULA GASTRUM V. SIGNATA	1.2	0.19
NAVICULA LANCEOLATA	1.2	0.19
NITZSCHIA ACICULARIS	1.2	0.19
NITZSCHIA BACATA	3.6	0.56
NITZSCHIA FONTICOLA	1.2	0.19
NITZSCHIA KUETZINGIANA	1.2	0.19
NITZSCHIA SP. #10	1.2	0.19
NITZSCHIA SP. #1	3.6	0.56
PHOICOSPHENIA CURVATA	1.2	0.19
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.8	0.75
STEPHANODISCUS ALPINUS	4.8	0.75
STEPHANODISCUS MINUTUS	37.3	5.78
STEPHANODISCUS NIAGARAE	1.2	0.19
STEPHANODISCUS SP.	1.2	0.19
STEPHANODISCUS SUBTILIS	15.7	2.43
STEPHANODISCUS TENUIS	28.9	4.48
SURIRELLA ANGUSTA	1.2	0.19
SYNEDRA FILIFORMIS	4.8	0.75
TABELLARIA FENESTRATA V. INTERMEDIA	8.4	1.31
TOTAL	645.3	100.0

NDC 7-5 NO.OF FORMS = 53 DIVERSITY = 3.24
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES HUNGARICA	0.6	0.08
AMPHIPLEURA PELLUCIDA	0.6	0.08
AMPHORA SP.	0.6	0.08
ANACYSTIS INCERTA	165.9	23.03
ANACYSTIS THERMALIS	133.1	18.57
ANKISTRODESMUS FALCIUS	1.2	0.17
ASTERIONELLA FORMOSA	6.0	0.84
CERATIUM HIRUNDINELLA	1.2	0.17
CRUCIGENIA QUADRATA	6.0	0.84
CRYPTOMONAS SP.	19.3	2.69
CYCLOTELLA COMTA	0.6	0.08
CYCLOTELLA KUETZINGIANA	1.2	0.17
CYCLOTELLA MENEGHINIANA V. PLANA	0.6	0.08
CYCLOTELLA MICHIGANIANA	6.6	0.92
CYCLOTELLA OCELLATA	3.0	0.42
CYCLOTELLA STELLIGERA	1.2	0.17
FLAGELLATES	208.4	29.08
FRAGILARIA CROTONENSIS	4.2	0.59
FRAGILARIA INTERMEDIA	1.2	0.17
GLOEOCYSTIS PLANCTONICA	48.2	6.72
GLOEOCYSTIS SP.	4.8	0.67
MELOSIRA DISTANS	1.2	0.17
MELOSIRA DISTANS V. ALPIGENA	0.6	0.08
MELOSIRA GRANULATA	19.9	2.77
MELOSIRA GRANULATA V. ANGUSTISSIMA	1.8	0.25
MELOSIRA ITALICA	7.2	1.01
NAVICULA SP. (AFF. N. CAPITATA)	0.6	0.08
NITZSCHIA ACICULARIS	0.6	0.08
NITZSCHIA DACATA	1.8	0.25
NITZSCHIA FONTICOLA	1.2	0.17
NITZSCHIA KUETZINGIANA	0.6	0.08
NITZSCHIA PALEA	0.6	0.08
NITZSCHIA SP.	2.4	0.34
NITZSCHIA SP. #1	1.2	0.17
NITZSCHIA SP. #2	0.6	0.08
OOCYSTIS SP.	1.8	0.25
PEDIASTRUM DUPLEX V. CLATHRATUM	0.6	0.08
RHIZOSOLENIA ERIENSIS	0.6	0.08
SCENEDESMUS QUADRICAUDA	2.4	0.34
SCENEDESMUS SP.	1.8	0.25
STEPHANODISCUS ALPINUS	4.8	0.67
STEPHANODISCUS HANTZSCHII	0.6	0.08
STEPHANODISCUS MINUTUS	22.9	3.19
STEPHANODISCUS SUBTILIS	6.0	0.84
STEPHANODISCUS TENUIS	9.6	1.34
SURIRELLA ANGUSTA	0.6	0.08
SYNEDRA ACUS	0.6	0.08
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	0.6	0.08
SYNEDRA DEMERARAE	1.2	0.17
SYNEDRA FILIFORMIS	1.8	0.25
SYNEDRA TENERA	0.6	0.08
TABELLARIA FENESTRATA	5.4	0.76
TABELLARIA FENESTRATA V. INTERMEDIA	0.6	0.08
TOTAL	716.7	100.0

SDC.5-C NO.OF FORMS = 65 DIVERSITY = 4.20
COUNTED BY: N.S.
METHOD: SEDGLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	2.4	0.09
AMPHIPLEURA PELLUCIDA	2.4	0.09
AMPHORA OVALIS V. PEDICULUS	7.2	0.26
AMPHORA SP.	4.8	0.17
ANACYSTIS INCERTA	481.6	17.26
ANACYSTIS THERMALIS	77.0	2.76
ANKISTRODESMUS FALCATUS	2.4	0.09
ANKISTRODESMUS SP. #3	4.8	0.17
ASTERIONELLA FORMOSA	74.6	2.67
CLOSTERIOPSIS SP.	2.4	0.09
COSMARIUM SP. #1	2.4	0.09
CROCIGENIA QUADRATA	192.6	6.90
CRYPTOMONAS SP.	55.4	1.98
CYCLOTELLA COMTA	2.4	0.09
CYCLOTELLA CRYPTICA	4.8	0.17
CYCLOTELLA MENEGHINIANA	12.0	0.43
CYCLOTELLA MICHIGANIANA	2.4	0.09
CYCLOTELLA OCELLATA	4.8	0.17
CYCLOTELLA SP.	7.2	0.26
CYCLOTELLA STELLIGERA	2.4	0.09
DIATOMA TENUE	2.4	0.09
DIATOMA VULGARE	4.8	0.17
DINOBRYON DIVERGENS	2.4	0.09
DINOFLAGELLATES	7.2	0.26
FLAGELLATES	587.5	21.05
FRAGILARIA CAPUCINA	4.8	0.17
FRAGILARIA CONSTRUENS	4.8	0.17
FRAGILARIA CONSTRUENS V. MINUTA	4.8	0.17
FRAGILARIA CROTONENSIS	325.1	11.65
FRAGILARIA SP.	2.4	0.09
GLOEOCYSTIS PLANCTONICA	45.7	1.64
GOMPHOSPHAERIA LACUSTRIS	72.2	2.59
MELOSIRA GRANULATA	161.3	5.78
MELOSIRA ISLANDICA	2.4	0.09
MELOSIRA ITALICA	7.2	0.26
MOUGEOTIA SP.	4.8	0.17
NAVICULA CAPITATA V. LUNEBURGENSIS	2.4	0.09
NAVICULA EXIGUA V CAPITATA	2.4	0.09
NAVICULA SP.	19.3	0.69
NAVICULA TRIPUNCTATA V. SCHIZONEMOIDES	2.4	0.09
NITZSCHIA ACICULARIS	19.3	0.69
NITZSCHIA BACATA	4.8	0.17
NITZSCHIA CONFINIS	2.4	0.09
NITZSCHIA DISSIPATA	4.8	0.17
NITZSCHIA FONTICOLA	21.7	0.78
NITZSCHIA KUTZINGIANA	14.4	0.52
NITZSCHIA PALEA	9.6	0.35
NITZSCHIA SP.	19.3	0.69
NITZSCHIA SP. #10	12.0	0.43
NITZSCHIA SP. #1	26.5	0.95
OOCYSTIS SP.	14.4	0.52
OSCILLATORIA LIMNETICA	9.6	0.35
SCENEDESMUS BICELLULARIS	19.3	0.69
SCENEDESMUS DIMORPHUS	53.0	1.90
SCENEDESMUS QUADRICAUDA	19.3	0.69
SCENEDESMUS SP.	69.8	2.51
STEPHANODISCUS ALPINUS	12.0	0.43
STEPHANODISCUS BINDERANUS	2.4	0.09
STEPHANODISCUS HANTZSCHII	14.4	0.52
STEPHANODISCUS MINUTUS	57.8	2.07
STEPHANODISCUS SP.	12.0	0.43
STEPHANODISCUS SUBTILIS	24.1	0.86
STEPHANODISCUS TENUIS	50.6	1.81
SURIRELLA ANGUSTA	2.4	0.09
SYNEDRA ACUS	2.4	0.09
SYNEDRA FILIFORMIS	14.4	0.52
TABELLARIA FENESTRATA V. INTERMEDIA	62.6	2.24
TETRAEDRON SP.	2.4	0.09
TOTAL	2790.6	100.0

SDC.5-1 NO.OF POEMS = 62 DIVERSITY = 4.43
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.08
AMPHORA OVALIS	2.4	0.16
AMPHORA SIBIRICA	1.2	0.08
ANACYSTIS INCERTA	71.0	4.80
ANACYSTIS THERMALIS	80.7	5.45
ANKISTRODESMUS SP. #3	1.2	0.08
ASTERIONELLA FORMOSA	81.9	5.53
BOTRYOCOCCUS BRAUNII	54.2	3.66
COCCONEIS DIMINUTA	1.2	0.08
COELASTRUM MICROPORUM	120.4	8.14
CRYPTOMONAS SP.	28.9	1.95
CYCLOTELLA COMTA	6.0	0.41
CYCLOTELLA CRYPTICA	2.4	0.16
CYCLOTELLA MICHIGANIANA	15.7	1.06
CYCLOTELLA OCELLATA	27.7	1.87
CYCLOTELLA STELLIGERA	4.8	0.33
FLAGELLATES	179.4	12.12
FRAGILARIA CAPUCINA	105.9	7.16
FRAGILARIA CONSTRUENS V. MINUTA	1.2	0.08
FRAGILARIA CONSTRUENS V. PUMILA	9.6	0.65
FRAGILARIA CROTONENSIS	37.3	2.52
FRAGILARIA PINNATA	7.2	0.49
FRAGILARIA SP.	1.2	0.08
GOMPHOSPHAERIA LACUSTRIS	282.9	19.12
MELOSIRA GRANULATA	14.4	0.98
MELOSIRA GRANULATA V. ANGUSTISSIMA	13.2	0.90
MELOSIRA ISLANDICA	1.2	0.08
MELOSIRA ITALICA	9.6	0.65
NAVICULA EXIGUA V CAPITATA	2.4	0.16
NAVICULA GREGARIA	1.2	0.08
NAVICULA MICROPUPULA	1.2	0.08
NAVICULA SP.	7.2	0.49
NITZSCHIA ACICULARIS	4.8	0.33
NITZSCHIA BECATA	1.2	0.08
NITZSCHIA CONFINIS	3.6	0.24
NITZSCHIA DISSIPATA	3.6	0.24
NITZSCHIA FONTICOLA	7.2	0.49
NITZSCHIA FRUSTULUM	2.4	0.16
NITZSCHIA KUETZINGIANA	6.0	0.41
NITZSCHIA PALEA	4.8	0.33
NITZSCHIA SP.	8.4	0.57
NITZSCHIA SP. #1	2.4	0.16
NITZSCHIA SP. #8	2.4	0.16
NITZSCHIA SP. #9	10.8	0.73
SCENEDESMUS BICELLULARIS	2.4	0.16
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.4	0.16
SCENEDESMUS SP.	4.8	0.33
SCENEDESMUS TETRADESMIFORMIS	22.9	1.55
STEPHANODISCUS ALPINUS	19.3	1.30
STEPHANODISCUS HANTZSCHII	12.0	0.81
STEPHANODISCUS MINUTUS	71.0	4.80
STEPHANODISCUS SP.	1.2	0.08
STEPHANODISCUS SUBTILIS	36.1	2.44
STEPHANODISCUS TENUIS	30.1	2.03
SURIRELLA ANGUSTA	2.4	0.16
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.6	0.24
SYNEDRA DEMERARAE	4.8	0.33
SYNEDRA FILIFORMIS	8.4	0.57
SYNEDRA SP.	1.2	0.08
TABELLARIA FENESTRATA	13.2	0.90
TABELLARIA FENESTRATA V. INTERMEDIA	7.2	0.49
THALASSIOSIRA PSEUDONANA	2.4	0.16
TOTAL	1479.6	100.0

SDC.5-2 NO.OF FORMS = 65 DIVERSITY = 4.3

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. COSTATA	2.4	0.17
ACHNANTHES LANCEOLATA V. DUBIA	1.2	0.08
AMPHIPLEURA PELLUCIDA	1.2	0.08
AMPHORA OVALIS V. PEDICULUS	2.4	0.17
AMPHORA SP.	2.4	0.17
ANACYSTIS INCERTA	186.6	13.01
ANACYSTIS THERMALIS	157.7	11.00
ANKISTRODESMUS SP. #3	2.4	0.17
ASTERIONELLA FORMOSA	32.5	2.27
CRYPTOMONAS SP.	18.1	1.26
CYCLOTELLA MENEGHINIANA V. PLANA	2.4	0.17
CYCLOTELLA MENEGHINIANA	3.6	0.25
CYCLOTELLA MICHIGANIANA	18.1	1.26
CYCLOTELLA OCELLATA	3.6	0.25
CYCLOTELLA SP.	1.2	0.08
CYCLOTELLA STELLIGERA	7.2	0.50
DINOBRYON DIVERGENS	8.4	0.59
DINOFLAGELLATES	1.2	0.08
FLAGELLATES	293.8	20.49
FRAGILARIA CAPUCINA	2.4	0.17
FRAGILARIA CONSTRUENS	1.2	0.08
FRAGILARIA CONSTRUENS V. VENTER	2.4	0.17
FRAGILARIA CROTONENSIS	144.5	10.08
FRAGILARIA PINNATA	12.0	0.84
FRAGILARIA SP.	8.4	0.59
GLOEOCYSTIS PLANCTONICA	38.5	2.69
MELOSIRA DISTANS	2.4	0.17
MELOSIRA GRANULATA	30.1	2.10
MELOSIRA GRANULATA V. ANGUSTISSIMA	9.6	0.67
MELOSIRA ISLANDICA	1.2	0.08
MELOSIRA ITALICA	6.0	0.42
MELOSIRA SP.	3.6	0.25
MOUGEOTIA SP.	6.0	0.42
NAVICULA CRYPTOCEPHALA	2.4	0.17
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.08
NAVICULA SP.	6.0	0.42
NAVICULA SP. (REF. N. CAPITATA)	3.6	0.25
NITZSCHIA ACICULARIS	9.6	0.67
NITZSCHIA BACATA	3.6	0.25
NITZSCHIA CONFINIS	7.2	0.50
NITZSCHIA DISSIPATA	6.0	0.42
NITZSCHIA FONTICOLA	12.0	0.84
NITZSCHIA FRUSTULUM	2.4	0.17
NITZSCHIA KUETZINGIANA	7.2	0.50
NITZSCHIA PALEACEA	6.0	0.42
NITZSCHIA SP.	8.4	0.59
NITZSCHIA SP. #10	12.0	0.84
NITZSCHIA SP. #1	12.0	0.84
NITZSCHIA SP. #8	2.4	0.17
NITZSCHIA SP. #9	7.2	0.50
OOCYSTIS SP.	1.2	0.08
SCENEDESMUS DENTICULATUS	4.8	0.34
SCENEDESMUS QUADRICAUDA V. LONGISPINA	9.6	0.67
SCENEDESMUS SERRATUS	2.4	0.17
SCENEDESMUS SP.	9.6	0.67
STEPHANODISCUS AIPINUS	18.1	1.26
STEPHANODISCUS HANTZSCHII	6.0	0.42
STEPHANODISCUS MINUTUS	73.4	5.12
STEPHANODISCUS SP.	1.2	0.08
STEPHANODISCUS SUBTILIS	40.9	2.85
STEPHANODISCUS TENUIS	20.5	1.43
SURIRELLA ANGUSTA	1.2	0.08
SYNEDRA FILIFORMIS	13.2	0.92
TABELLARIA FENESTRATA	9.6	0.67
TABELLARIA FENESTRATA V. INTERMEDIA	97.5	6.80
TOTAL	1433.8	100.0

SDC 1-C NO.OF FORMS = 94 DIVERSITY = 4.46
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. COSTATA	1.2	0.05
ACHNANTHES SP.	1.2	0.05
AMPHIPLEURA PELLUCIDA	1.2	0.05
AMPHORA OVALIS V. CONSTRICTA	1.2	0.05
AMPHORA OVALIS V. LIBYCA	1.2	0.05
AMPHORA OVALIS V. PEDICULUS	6.0	0.23
AMPHORA SP.	3.6	0.14
ANABAENA SP.	20.5	0.77
ANACYSTIS INCERTA	422.6	15.95
ANACYSTIS THERMALIS	44.5	1.68
ANKISTRODESMUS FALCATUS	1.2	0.05
ANKISTRODESMUS SP.	2.4	0.09
ASTERIONELLA FORMOSA	57.8	2.18
COELASTRUM SP.	55.4	2.09
CRUCIGENIA QUADRATA	4.8	0.18
CRUCIGENIA SP.	4.8	0.18
CRYPTOMONAS SP.	36.1	1.36
CYCLOTELLA AUXOSPORE	1.2	0.05
CYCLOTELLA COMTA V. BOLANICA	3.6	0.14
CYCLOTELLA CRYPTICA	18.1	0.68
CYCLOTELLA MENEGHINIANA V. PLANA	3.6	0.14
CYCLOTELLA MENEGHINIANA	6.0	0.23
CYCLOTELLA MICHIGANIANA	14.4	0.55
CYCLOTELLA OCELLATA	4.8	0.18
CYCLOTELLA SP.	4.8	0.18
CYCLOTELLA STELLIGERA	2.4	0.09
DINOBRYON CYSTS	3.6	0.14
DINOFLAGELLATES	13.2	0.50
FLAGELLATES	315.4	11.90
FRAGILARIA BREVISTRIATA	2.4	0.09
FRAGILARIA CAPUCINA	9.6	0.36
FRAGILARIA CONSTRUENS V. VENTER	13.2	0.50
FRAGILARIA CROTONENSIS	237.2	8.95
FRAGILARIA PINNATA	7.2	0.27
FRAGILARIA SP.	2.4	0.09
GLOEOCYSTIS PLANCTONICA	28.9	1.09
GOMPHONEMA ANGUSTATUM	1.2	0.05
GOMPHOSPHAERIA LACUSTRIS	481.6	18.17
GREEN COCCOID, UNKNOWN	24.1	0.91
MELOSIRA GRANULATA	197.4	7.45
MELOSIRA GRANULATA V. ANGUSTISSIMA	24.1	0.91
MELOSIRA ITALICA	4.8	0.18
MELOSIRA SP.	1.2	0.05
NAVICULA DECUSSIS	1.2	0.05
NAVICULA LATENS	1.2	0.05
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.05
NAVICULA SP.	6.0	0.23
NAVICULA SP. (AFF. N. CAPITATA)	2.4	0.09
NAVICULA TRIPUNCTATA	1.2	0.05
NITZSCHIA ACICULARIS	13.2	0.50
NITZSCHIA ACUTA	1.2	0.05
NITZSCHIA ANGUSTATA V. ACUTA	2.4	0.09
NITZSCHIA BACATA	8.4	0.32
NITZSCHIA CONFINIS	4.8	0.18
NITZSCHIA DISSIPATA	6.0	0.23
NITZSCHIA FONTICOLA	13.2	0.50
NITZSCHIA KUETZINGIANA	14.4	0.55
NITZSCHIA PALEA	4.8	0.18
NITZSCHIA PALEACEA	3.6	0.14
NITZSCHIA SP.	18.1	0.68
NITZSCHIA SP. #10	4.8	0.18
NITZSCHIA SP. #1	8.4	0.32
NITZSCHIA SP. #2	3.6	0.14
NITZSCHIA SP. #9	6.0	0.23
OEDOGONIUM SP.	22.9	0.86
OSCILLATORIA LIMNETICA	1.2	0.05
OSCILLATORIA SP.	1.2	0.05
PEDIASTRUM TETRAS	1.2	0.05
QUADRIGULA SP.	12.0	0.45
RHIZOSOLENIA GRACILIS	1.2	0.05
SCENEDESMUS ACUMINATUS	14.4	0.55
SCENEDESMUS ACUMINATUS V. BERNARDII	9.6	0.36
SCENEDESMUS ACUTUS	4.8	0.18
SCENEDESMUS BICELLULARIS	12.0	0.45
SCENEDESMUS DIMORPHUS	9.6	0.36
SCENEDESMUS QUADRICAUDA V. LONGISPINA	21.7	0.82
SCENEDESMUS QUADRICAUDA	15.7	0.59
SCENEDESMUS SP.	37.3	1.41
SCENEDESMUS TRIBADESMIFORMIS	9.6	0.36
STEPHANODISCUS ALPINUS	15.7	0.59
STEPHANODISCUS HANTZSCHII	18.1	0.68
STEPHANODISCUS MINUTUS	45.7	1.73
STEPHANODISCUS SP.	4.8	0.18
STEPHANODISCUS SUBTILIS	48.2	1.82
STEPHANODISCUS TENUIS	73.4	2.77
STEPHANODISCUS TRANSILVANICUS	1.2	0.05
SUBIRELLA ANGUSTA	3.6	0.14
SYNEDRA ACUS	1.2	0.05
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	0.05
SYNEDRA FILIFORMIS	6.0	0.23
SYNEDRA OSTENFELDII	1.2	0.05
TABELLARIA FENESTRATA	2.4	0.09
TABELLARIA FENESTRATA V. INTERMEDIA	22.9	0.86
TABELLARIA FLOCCULOSA	10.8	0.41
TOTAL	2649.8	100.0

SDC 1-1 NO.OF FORMS = 73 DIVERSITY = 3.65
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	2.4	0.06
ACHNANTHES SP.	4.8	0.12
AMPHIPLEURA PELLUCIDA	2.4	0.06
AMPHORA ROTUNDA	2.4	0.06
AMPHORA SP.	2.4	0.06
ANACYSTIS INCERTA	1528.9	39.34
ANACYSTIS THERMALIS	62.6	1.61
ANKISTRODESMUS GELIFACTUM	14.4	0.37
ANKISTRODESMUS SP.	2.4	0.06
ANKISTRODESMUS SP. #3	16.9	0.43
ASTERIONELLA FORMOSA	144.5	3.72
CALONEIS SP.	2.4	0.06
COELASTRUM SP.	84.3	2.17
COSMARIUM SP. #1	2.4	0.06
CRYPTOMONAS SP.	24.1	0.62
CYCLOTELLA COMTA V. BOTANICA	2.4	0.06
CYCLOTELLA CRYPTICA	4.8	0.12
CYCLOTELLA KUETZINGIANA	4.8	0.12
CYCLOTELLA MENEGHINIANA	9.6	0.25
CYCLOTELLA MICHIGANIANA	9.6	0.25
CYCLOTELLA OCELLATA	12.0	0.31
CYCLOTELLA STELLIGERA	14.4	0.37
FLAGELLATES	443.0	11.40
FRAGILARIA CONSTRUENS	9.6	0.25
FRAGILARIA CROTONENSIS	180.6	4.65
FRAGILARIA CROTONENSIS V. OREGONA	9.6	0.25
FRAGILARIA PINNATA	4.8	0.12
GLOEOCYSTIS PLANCTONICA	67.4	1.73
GOMPHOSPHAERIA LACUSTRIS	481.6	12.39
GREEN COLONY, UNKNOWN	14.4	0.37
MELOSIRA GRANULATA	65.0	1.67
MELOSIRA GRANULATA V. ANGUSTISSIMA	19.3	0.50
MELOSIRA ITALICA	7.2	0.19
NAVICULA CRYPTOCEPHALA V. INTERMEDIA	2.4	0.06
NAVICULA DECUSSIS	2.4	0.06
NAVICULA LATENS	4.8	0.12
NAVICULA NYASSENSIS	2.4	0.06
NAVICULA PLACYSTOMA V. PANTOCSEKII	2.4	0.06
NAVICULA SP.	9.6	0.25
NAVICULA SP. (AFF. N. CAPITATA)	4.8	0.12
NITZSCHIA ACICULARIS	4.8	0.12
NITZSCHIA DACATA	9.6	0.25
NITZSCHIA CONFINIS	2.4	0.06
NITZSCHIA DISSIPATA	4.8	0.12
NITZSCHIA FONTICOLA	16.9	0.43
NITZSCHIA FRUSTULUM	2.4	0.06
NITZSCHIA KUETZINGIANA	4.8	0.12
NITZSCHIA PALEA	14.4	0.37
NITZSCHIA PALEACEA	2.4	0.06
NITZSCHIA SP.	7.2	0.19
NITZSCHIA SP. #10	7.2	0.19
NITZSCHIA SP. #1	4.8	0.12
NITZSCHIA SP. #2	4.8	0.12
NITZSCHIA SP. #9	12.0	0.31
OSCILLATORIA LIMNETICA	2.4	0.06
OSCILLATORIA SP.	2.4	0.06
SCENEDESMUS ACUMINATUS	28.9	0.74
SCENEDESMUS BICELLULARIS	14.4	0.37
SCENEDESMUS DENTICULATUS	9.6	0.25
SCENEDESMUS QUADRICAUDA V. LONGISPINA	19.3	0.50
SCENEDESMUS QUADRICAUDA	9.6	0.25
SCENEDESMUS SP.	9.6	0.25
STEPHANODISCUS ALPINUS	26.5	0.68
STEPHANODISCUS BINDERANUS	4.8	0.12
STEPHANODISCUS HANTZSCHII	16.9	0.43
STEPHANODISCUS MINUTUS	84.3	2.17
STEPHANODISCUS SUBTILIS	74.6	1.92
STEPHANODISCUS TENUIS	53.0	1.36
SYNEDRA DEMERARAE	45.7	1.18
SYNEDRA FILIFORMIS	21.7	0.56
TABELLARIA FENESTRATA	24.1	0.62
TABELLARIA FENESTRATA V. INTERMEDIA	50.6	1.30
TETRAEDRON SP.	2.4	0.06
TOTAL	3886.2	100.0

SDC 1-2 NO.OF FORMS = 61 DIVERSITY = 3.52
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	7.2	0.22
AMPHORA OVALIS V. PEDICULUS	2.4	0.07
ANACYSTIS INCERTA	1218.3	36.88
ANACYSTIS THERMALIS	108.4	3.28
ANKISTRODESMUS SP. #3	7.2	0.22
ASTERIONELLA FORMOSA	72.2	2.19
COELASTRUM SP.	36.1	1.09
CRYPTOMONAS SP.	43.3	1.31
CYCLOTELLA COMTA V. BODANICA	7.2	0.22
CYCLOTELLA CRYPTICA	2.4	0.07
CYCLOTELLA MENEGHINIANA	2.4	0.07
CYCLOTELLA MICHIGANIANA	43.3	1.31
CYCLOTELLA OCELLATA	12.0	0.36
CYCLOTELLA STELLIGERA	14.4	0.44
CYMATOPLEURA SOLEA V. APICULATA	2.4	0.07
DIATOMA TENUE	2.4	0.07
FLAGELLATES	700.7	21.21
FRAGILARIA CAPUCINA	2.4	0.07
FRAGILARIA CONSTRUENS	4.8	0.15
FRAGILARIA CROTONENSIS	67.4	2.04
FRAGILARIA PINNATA	2.4	0.07
GLOEOCYSTIS PLANCTONICA	14.4	0.44
GOMPHONEMA SP.	2.4	0.07
GOMPHOSPHAERIA LACUSTRIS	288.9	8.75
MELOSIRA GRANULATA	40.9	1.24
MELOSIRA ISLANDICA	7.2	0.22
MELOSIRA ITALICA	40.9	1.24
MELOSIRA SP.	4.8	0.15
NAVICULA CAPITATA	2.4	0.07
NAVICULA GREGARIA	2.4	0.07
NAVICULA LATENS	2.4	0.07
NAVICULA MENISCULUS V. UPSALIENSIS	2.4	0.07
NAVICULA SP.	4.8	0.15
NITZSCHIA ACICULARIS	14.4	0.44
NITZSCHIA BACATA	19.3	0.58
NITZSCHIA CONFINIS	12.0	0.36
NITZSCHIA FONTICOLA	28.9	0.87
NITZSCHIA FRUSTULUM	2.4	0.07
NITZSCHIA KUETZINGIANA	12.0	0.36
NITZSCHIA PALEA	9.6	0.29
NITZSCHIA SP.	9.6	0.29
NITZSCHIA SP. #10	7.2	0.22
NITZSCHIA SP. #1	14.4	0.44
NITZSCHIA SP. #9	9.6	0.29
ROICOSPHENIA CURVATA	2.4	0.07
SCENEDESMUS BICELLULARIS	38.7	1.12
SCENEDESMUS QUADRICAUDA	9.6	0.29
SCENEDESMUS SP.	19.3	0.58
STEPHANODISCUS ALPINUS	28.9	0.87
STEPHANODISCUS HANTZSCHII	4.8	0.15
STEPHANODISCUS MINUTUS	48.2	1.46
STEPHANODISCUS SP.	2.4	0.07
STEPHANODISCUS SUBTILIS	65.9	1.97
STEPHANODISCUS TENUIS	21.7	0.66
SURIRELLA ANGUSTA	2.4	0.07
SYNEDRA DEMERARAE	60.2	1.82
SYNEDRA FILIFORMIS	38.7	1.12
SYNEDRA OSTENFELDII	2.4	0.07
TABELLARIA FENESTRATA	4.8	0.15
TABELLARIA FENESTRATA V. INTERMEDIA	36.1	1.09
TABELLARIA FLOCCULOSA	14.4	0.44
TOTAL	3303.5	100.0

SDC 2-C NO.OF FORMS = 71 DIVERSITY = 4.43
COUNTED BY: M.S.
METHOD: SEITLE-PIERCE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA V. ELLIPTICA	1.2	0.09
ACHNANTHES SP.	3.6	0.27
AMPHIPLEURA PELLUCIDA	1.2	0.09
AMPHORA OVALIS V. PEDICULUS	2.4	0.18
AMPHORA SP.	3.6	0.27
ANACYSTIS INCERTA	355.1	26.97
ANACYSTIS THERMALIS	57.8	4.39
ASTERIONELLA FORMOSA	36.1	2.74
CRUCIGENIA QUADRATA	9.6	0.73
CRYPTOMONAS SP.	1.2	0.09
CYCLOTELLA CRYPTICA	14.4	1.10
CYCLOTELLA MENEGHINIANA	7.2	0.55
CYCLOTELLA MICHIGANIANA	12.0	0.91
CYCLOTELLA OCELLATA	6.0	0.46
CYCLOTELLA STELLIGERA	4.8	0.37
DINOFLAGELLATES	4.8	0.37
FLAGELLATES	48.2	3.66
FRAGILARIA CAPUCINA	1.2	0.09
FRAGILARIA CONSTRUENS V. PUMILA	6.0	0.46
FRAGILARIA CROTONENSIS	71.0	5.39
FRAGILARIA PINNATA	10.8	0.82
GLOEOCYSTIS PLANCTONICA	26.5	2.01
GOMPHONEMA SP.	1.2	0.09
GOMPHOSPHAERIA LACUSTRIS	138.4	10.51
GREEN COLONY, UNKNOWN	30.1	2.29
MELOSIRA GRANULATA	92.7	7.04
MELOSIRA GRANULATA V. ANGUSTISSIMA	7.2	0.55
MELOSIRA ITALICA	8.4	0.64
NAVICULA DECUSSIS	2.4	0.18
NAVICULA LATENS	2.4	0.18
NAVICULA PUPULA	1.2	0.09
NAVICULA SP.	8.4	0.64
NAVICULA SP. (AFF. N. CAPITATA)	2.4	0.18
NAVICULA SP. #78	1.2	0.09
NEIDIUM DUBIUM FO. CONSTRICTUM	1.2	0.09
NITZSCHIA ACICULARIS	3.6	0.27
NITZSCHIA DACATA	1.2	0.09
NITZSCHIA CONFINIS	2.4	0.18
NITZSCHIA DISSIPATA	1.2	0.09
NITZSCHIA FONTICOLA	7.2	0.55
NITZSCHIA KUETZINGIANA	13.2	1.01
NITZSCHIA PALEA	3.6	0.27
NITZSCHIA PALEACEA	2.4	0.18
NITZSCHIA SPICULOIDES	1.2	0.09
NITZSCHIA SP.	3.6	0.27
NITZSCHIA SP. #10	1.2	0.09
NITZSCHIA SP. #1	4.8	0.37
NITZSCHIA SP. #9	2.4	0.18
NITZSCHIA THYBLIONELLA V IEVIDENSIS	1.2	0.09
OOCYSTIS SP.	4.8	0.37
OSCILLATORIA REITZII	1.2	0.09
QUADRICULA SP.	9.6	0.73
SCENEDESMUS ACUMINATUS	24.1	1.83
SCENEDESMUS BICELLULARIS	4.8	0.37
SCENEDESMUS DIMORPHUS	4.8	0.37
SCENEDESMUS QUADRICAUDA V. LONGISPINA	1.2	0.09
SCENEDESMUS QUADRICAUDA	16.9	1.28
SCENEDESMUS SP.	21.7	1.65
SCENEDESMUS TETRADESMIFORMIS	9.6	0.73
STEPHANODISCUS ALPINUS	27.7	2.10
STEPHANODISCUS HANTZSCHII	6.0	0.46
STEPHANODISCUS MINUTUS	33.7	2.56
STEPHANODISCUS SP.	1.2	0.09
STEPHANODISCUS SUBTILIS	54.2	4.11
STEPHANODISCUS TENUIS	34.9	2.65
SYNEDRA ACUS	1.2	0.09
SYNEDRA DEMERARAE	3.6	0.27
SYNEDRA FILIFORMIS	9.6	0.73
SYNEDRA PARASITICA V. SUBCONSTRICTA	1.2	0.09
TABELLARIA FENESTRATA	6.0	0.46
TABELLARIA FENESTRATA V. INTERMEDIA	7.2	0.55
TOTAL	1317.1	100.0

SDC 2-1 NO.OF POPMS = 63 DIVERSITY = 4.08
COUNTED BY: M.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. POSTRATA	1.2	0.12
ACHNANTHES SP.	1.2	0.12
AMPHIPLEURA PELLUCIDA	1.2	0.12
AMPHORA OVALIS V. PEDICULUS	1.2	0.12
AMPHORA SP.	2.4	0.23
ANACYSTIS INCERTA	61.4	5.90
ANACYSTIS THERMALIS	101.1	9.71
ANKISTRODESMUS SP. #3	7.2	0.69
ASTERIONELLA FORMOSA	22.9	2.20
CERATIUM HIRUNDINELLA	2.4	0.23
COELASTRUM SP.	8.4	0.81
CRUCIGENIA QUADRATA	14.4	1.39
CRYPTOMONAS SP.	36.1	3.47
CYCLOTELLA COMTA V. BOTANICA	1.2	0.12
CYCLOTELLA CRYPTICA	7.2	0.69
CYCLOTELLA MENEGHINIANA	2.4	0.23
CYCLOTELLA MICHIGANIANA	15.7	1.50
CYCLOTELLA OCELLATA	7.2	0.69
CYCLOTELLA SP.	1.2	0.12
CYCLOTELLA STELLIGERA	3.6	0.35
DINOBRYON DIVERGENS	1.2	0.12
DINOFLAGELLATES	3.6	0.35
FLAGELLATES	358.8	34.45
FRAGILARIA CROTONENSIS	38.5	3.70
FRAGILARIA PINNATA	2.4	0.23
GLOEOCYSTIS PLANCTONICA	24.1	2.31
GREEN COCCOID, UNKNOWN	19.3	1.84
GREEN COLONY, UNKNOWN	60.2	5.78
MELOSIRA GRANULATA	45.7	4.39
MELOSIRA GRANULATA V. ANGUSTISSIMA	1.2	0.12
MELOSIRA ITALICA	2.4	0.23
NAVICULA DECUSSIS	2.4	0.23
NAVICULA GASTRUM V. SIGNATA	1.2	0.12
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.12
NAVICULA PUPULA	1.2	0.12
NAVICULA SP.	6.0	0.58
NITZSCHIA ACICULARIS	9.6	0.92
NITZSCHIA BACATA	1.2	0.12
NITZSCHIA CONFINIS	1.2	0.12
NITZSCHIA DISSIPATA	2.4	0.23
NITZSCHIA FONTICOLA	10.8	1.04
NITZSCHIA KUETZINGIANA	9.6	0.92
NITZSCHIA PALEA	2.4	0.23
NITZSCHIA PALEACEA	2.4	0.23
NITZSCHIA SP.	6.0	0.58
NITZSCHIA SP. #10	2.4	0.23
NITZSCHIA SP. #1	9.6	0.92
NITZSCHIA SP. #2	2.4	0.23
NITZSCHIA SP. #9	2.4	0.23
OOCYSTIS SP.	4.8	0.46
SCENEDESMUS BICELLULARIS	2.4	0.23
SCENEDESMUS QUADRICAUDA	6.0	0.58
STEPHANODISCUS ALPINUS	9.6	0.92
STEPHANODISCUS HANTZSCHII	1.2	0.12
STEPHANODISCUS MINUTUS	16.9	1.62
STEPHANODISCUS SP.	2.4	0.23
STEPHANODISCUS SUBTILIS	28.9	2.77
STEPHANODISCUS TENUIS	9.6	0.92
STEPHANODISCUS TRANSILVANICUS	1.2	0.12
SYNEDRA FILIFORMIS	10.8	1.04
SYNEDRA OSTENFELDII	1.2	0.12
SYNEDRA ULNA	1.2	0.12
TABELLARIA FENESTRATA V. INTERMEDIA	21.7	2.08
TOTAL	1041.4	100.0

SPC 2-3 NO.OF FORMS = 5[illegible] DIVERSITY = 4.07
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	6.[illegible]	[illegible].47
AMPHORA OVALIS V. PEDICULUS	2.4	0.19
AMPHORA SP.	3.6	[illegible].28
ANABAENA FLOS-AQUAE	6.0	0.47
ANACYSTIS INCERTA	177.[illegible]	13.88
ANACYSTIS THERMALIS	95.1	7.46
ANKISTRODESMUS FALCATUS	1.2	[illegible].09
ASTERIONELLA FORMOSA	24.1	1.89
CRUCIGENIA QUADRATA	9.6	[illegible].76
CRYPTOMONAS SP.	15.7	1.23
CYCLOTELLA COMTA V. BOIANICA	3.6	[illegible].28
CYCLOTELLA CRYPTICA	1.2	[illegible].09
CYCLOTELLA MENEGHINIANA	1.2	[illegible].09
CYCLOTELLA MICHIGANIANA	14.4	1.13
CYCLOTELLA OCELLATA	13.2	1.04
CYCLOTELLA STELLIGERA	4.8	0.38
CYMATOPLEURA SOLEA V. APICULATA	1.2	[illegible].09
DINOFLAGELLATES	1.2	[illegible].09
FLAGELLATES	315.4	24.74
FRAGILARIA CROTONENSIS	96.3	7.55
FRAGILARIA PINNATA	1.2	[illegible].09
GLOEOCYSTIS PLANCTONICA	3.6	[illegible].28
GLOEOCYSTIS SP.	169.7	13.31
MELOSIRA DISTANS	1.2	[illegible].09
MELOSIRA GRANULATA	25.3	1.98
MELOSIRA ITALICA	12.0	[illegible].94
MELOSIRA SP.	1.2	[illegible].09
NAVICULA SP. (AFF. N. CAPITATA)	1.2	[illegible].09
NITZSCHIA ACICULARIS	13.2	1.04
NITZSCHIA BACATA	2.4	0.19
NITZSCHIA CAPITELLATA	2.4	0.19
NITZSCHIA CONFINIS	7.2	0.57
NITZSCHIA DISSIPATA	3.6	[illegible].28
NITZSCHIA FONTICOLA	6.0	0.47
NITZSCHIA KUETZINGIANA	18.1	1.42
NITZSCHIA PALEA	6.0	0.47
NITZSCHIA PALEACEA	1.2	[illegible].09
NITZSCHIA SPICULOIDES	1.2	[illegible].09
NITZSCHIA SP.	7.2	0.57
NITZSCHIA SP. #10	4.8	0.38
NITZSCHIA SP. #1	6.0	0.47
NITZSCHIA SP. #2	2.4	0.19
NITZSCHIA SP. #9	3.6	[illegible].28
QUADRIGULA SP.	7.2	0.57
RHIZOSOLENIA GRACILIS	1.2	[illegible].09
SCENEDESMUS PICEILULARIS	4.8	0.38
SCENEDESMUS BIJUGA	2.4	0.19
SCENEDESMUS QUADRICAUDA V. LONGISPINA	3.6	0.28
SCENEDESMUS QUADRICAUDA	3.6	[illegible].28
SCENEDESMUS SP.	4.8	0.38
STEPHANODISCUS ALPINUS	27.7	2.17
STEPHANODISCUS HANTZSCHII	8.4	[illegible].66
STEPHANODISCUS MINUTUS	26.5	2.[illegible]8
STEPHANODISCUS SUBTILIS	33.7	2.64
STEPHANODISCUS TENUIS	16.9	1.32
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	1.2	[illegible].09
SYNEDRA DEMERARAE	14.4	1.13
SYNEDRA FILIFORMIS	14.4	1.13
SYNEDRA OSTENFELDII	2.4	0.19
SYNEDRA PARASITICA V. SUBCONSTRICTA	1.2	[illegible].09
TOTAL	1274.9	100.[illegible]

SDC 4-C NO.OF FORMS = 81 DIVERSITY = 4.88
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	2.4	0.16
ACHNANTHES LANCEOLATA V. DUBIA	1.2	0.08
ACHNANTHES SP.	3.6	0.24
AMPHIPLEURA PELLUCIDA	1.2	0.08
AMPHIPRORA ORNATA	1.2	0.08
AMPHORA OVALIS V. PEDICULUS	2.4	0.16
AMPHORA SP.	8.4	0.56
ANACYSTIS INCERTA	72.2	4.76
ANACYSTIS THERMALIS	197.4	13.02
ANKISTRODESMUS GELIFACTUM	2.4	0.16
ANKISTRODESMUS SP. #3	2.4	0.16
ASTERIONELLA FORMOSA	57.8	3.81
AUXOSPORE SP.	2.4	0.16
CALONEIS SP.	1.2	0.08
CERATIUM HIRUNDINELLA	1.2	0.08
COELASTRUM SP.	26.5	1.75
COSMARIUM SP. #1	1.2	0.08
CRUCIGENIA QUADRATA	33.7	2.22
CRYPTOMONAS SP.	26.5	1.75
CYCLOTELLA COMTA V. BODANICA	1.2	0.08
CYCLOTELLA CRYPTICA	20.5	1.35
CYCLOTELLA MENEGHINIANA	3.6	0.24
CYCLOTELLA MICHIGANIANA	10.8	0.71
CYCLOTELLA OCELLATA	6.0	0.40
CYCLOTELLA STELLIGERA	4.8	0.32
DIATOMA TENUE	1.2	0.08
DIATOMA VULGARE	2.4	0.16
DINOFLAGELLATES	13.2	0.87
FLAGELLATES	163.7	10.79
FRAGILARIA BREVISTRIATA	9.6	0.63
FRAGILARIA CAPUCINA	39.7	2.62
FRAGILARIA CONSTRUENS V. MINUTA	6.0	0.40
FRAGILARIA CONSTRUENS V. VENTER	1.2	0.08
FRAGILARIA CROTONENSIS	137.2	9.05
FRAGILARIA PINNATA	1.2	0.08
GREEN COLONY, UNKNOWN	12.0	0.79
MELOSIRA GRANULATA	124.0	8.17
MELOSIRA ITALICA	13.2	0.87
MELOSIRA SP.	1.2	0.08
MOUGEOTIA SP.	4.8	0.32
NAVICULA CAPITATA	3.6	0.24
NAVICULA COSTULATA	1.2	0.08
NAVICULA CRYPTOCEPHALA V. VENETA	2.4	0.16
NAVICULA DECUSSIS	1.2	0.08
NAVICULA GASTRUM V. SIGNATA	1.2	0.08
NAVICULA GREGARIA	1.2	0.08
NAVICULA PLATYSTOMA V. PANTOCSEKII	1.2	0.08
NAVICULA SP.	2.4	0.16
NAVICULA SP. #78	1.2	0.08
NITZSCHIA ACICULARIS	3.6	0.24
NITZSCHIA BACATA	3.6	0.24
NITZSCHIA CONFINIS	8.4	0.56
NITZSCHIA DISSIPATA	1.2	0.08
NITZSCHIA FONTICOLA	9.6	0.63
NITZSCHIA KUETZINGIANA	18.1	1.19
NITZSCHIA PALEA	10.8	0.71
NITZSCHIA PALEACEA	4.8	0.32
NITZSCHIA SPICULOIDES	1.2	0.08
NITZSCHIA SP.	7.2	0.48
NITZSCHIA SP. #10	4.8	0.32
NITZSCHIA SP. #1	14.4	0.95
NITZSCHIA SP. #2	2.4	0.16
NITZSCHIA SP. #9	8.4	0.56
OOCYSTIS SP.	4.8	0.32
RHIZOSOLENIA GRACILIS	1.2	0.08
SCENEDESMUS ACUMINATUS	56.6	3.73
SCENEDESMUS BICELLULARIS	2.4	0.16
SCENEDESMUS DIMORPHUS	8.4	0.56
SCENEDESMUS QUADRICAUDA	12.0	0.79
SCENEDESMUS SP.	27.7	1.83
STEPHANODISCUS ALPINUS	28.9	1.90
STEPHANODISCUS AUXOSPORE	2.4	0.16
STEPHANODISCUS BINDERANUS	2.4	0.16
STEPHANODISCUS HANTZSCHII	10.8	0.71
STEPHANODISCUS MINUTUS	66.2	4.37
STEPHANODISCUS SUBTILIS	49.4	3.25
STEPHANODISCUS TENUIS	30.1	1.98
SYNEDRA FILIFORMIS	25.3	1.67
TABELLARIA FENESTRATA	9.6	0.63
TABELLARIA FENESTRATA V. INTERMEDIA	39.7	2.62
TABELLARIA FLOCCULOSA	1.2	0.08
TOTAL	1516.9	100.0

SDC 4-1 NO.OF FORMS = 7 DIVERSITY = 3.87
COUNTED BY: N.S.
METHOD: SEDGE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.09
AMPHORA OVALIS V. PEDICULUS	6.0	0.47
ANABAENA FLOS-AQUAE	48.2	3.77
ANACYSTIS INCERTA	84.3	6.60
ANACYSTIS THERMALIS	80.7	6.32
ASTERIONELLA FORMOSA	57.8	4.53
CRYPTOMONAS SP.	20.5	1.60
CYCLOTELLA COMTA V. BODANICA	1.2	0.09
CYCLOTELLA CRYPTICA	4.8	0.38
CYCLOTELLA MENEGHINIANA	1.2	0.09
CYCLOTELLA MICHIGANIANA	24.1	1.89
CYCLOTELLA OCELLATA	4.8	0.38
CYCLOTELLA STELLIGERA	1.2	0.09
DIATOMA TENUE	1.2	0.09
FLAGELLATES	425.3	33.30
FRAGILARIA CAPUCINA	1.2	0.09
FRAGILARIA CROTONENSIS	63.8	5.00
GLOEOCYSTIS PLANCTONICA	69.8	5.47
GOMPHOSPHAERIA LACUSTRIS	120.4	9.43
MELOSIRA GRANULATA	9.6	0.75
MELOSIRA ITALICA	7.2	0.57
NAVICULA ANGLICA V. SUBSALSA	1.2	0.09
NAVICULA DECUSSIS	2.4	0.19
NAVICULA LATENS	2.4	0.19
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.09
NEIDIUM #3	1.2	0.09
NITZSCHIA ACICULARIS	7.2	0.57
NITZSCHIA CONFINIS	2.4	0.19
NITZSCHIA DISSIPATA	1.2	0.09
NITZSCHIA FONTICOLA	6.0	0.47
NITZSCHIA KUETZINGIANA	22.9	1.79
NITZSCHIA PALEACEA	1.2	0.09
NITZSCHIA SIGMOIDEA	1.2	0.09
NITZSCHIA SP.	2.4	0.19
NITZSCHIA SP. #10	3.6	0.28
NITZSCHIA SP. #1	7.2	0.57
NITZSCHIA SP. #2	1.2	0.09
NITZSCHIA SP. #9	10.8	0.85
OSCILLATORIA LIMNETICA	1.2	0.09
SCENEDESMUS BICELLULARIS	2.4	0.19
SCENEDESMUS DIMORPHUS	4.8	0.38
STEPHANODISCUS ALPINUS	10.8	0.85
STEPHANODISCUS HANTZSCHII	6.0	0.47
STEPHANODISCUS MINUTUS	31.3	2.45
STEPHANODISCUS SUBTILIS	34.9	2.74
STEPHANODISCUS TENUIS	19.3	1.51
SYNEDRA DELICATISSIMA	9.6	0.75
SYNEDRA FILIFORMIS	9.6	0.75
TABELLARIA FENESTRATA	30.1	2.36
TABELLARIA FENESTRATA V. INTERMEDIA	6.0	0.47
TOTAL	1276.1	100.0

SDC 4-3 NO.OF FORMS = 37 DIVERSITY = 3.48
COUNTED BY: N.S.
METHOD: SEDGE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.2	0.11
ANACYSTIS INCERTA	192.6	17.49
ANACYSTIS THERMALIS	201.1	18.25
ANKISTRODESMUS SP. #3	6.0	0.55
ASTERIONELLA FORMOSA	14.4	1.31
CERATIUM HIRUNDINELLA	1.2	0.11
CRUCIGENIA QUADRATA	19.3	1.75
CRYPTOMONAS SP.	21.7	1.97
CYCLOTELLA CRYPTICA	1.2	0.11
CYCLOTELLA MICHIGANIANA	21.7	1.97
CYCLOTELLA OCELLATA	13.2	1.20
CYCLOTELLA SP.	1.2	0.11
FLAGELLATES	266.1	24.15
FRAGILARIA CONSTRUENS V. MINUTA	4.8	0.44
FRAGILARIA CROTONENSIS	36.1	3.28
GLOEOCYSTIS PLANCTONICA	30.1	2.73
GOMPHOSPHAERIA LACUSTRIS	120.4	10.93
MELOSIRA GRANULATA	20.5	1.86
MELOSIRA ITALICA	4.8	0.44
NAVICULA PUPULA	1.2	0.11
NITZSCHIA ACICULARIS	2.4	0.22
NITZSCHIA BACATA	1.2	0.11
NITZSCHIA DISSIPATA	1.2	0.11
NITZSCHIA FONTICOLA	3.6	0.33
NITZSCHIA KUETZINGIANA	1.2	0.11
NITZSCHIA PALEACEA	3.6	0.33
NITZSCHIA SP.	3.6	0.33
NITZSCHIA SP. #1	7.2	0.66
NITZSCHIA SP. #9	1.2	0.11
STEPHANODISCUS ALPINUS	6.0	0.55
STEPHANODISCUS MINUTUS	16.9	1.53
STEPHANODISCUS SP.	1.2	0.11
STEPHANODISCUS SUBTILIS	14.4	1.31
SUBIRELLA ANGUSTA	1.2	0.11
SYNEDRA DEMERARAE	48.2	4.37
SYNEDRA FILIFORMIS	4.8	0.44
TABELLARIA FENESTRATA V. INTERMEDIA	4.8	0.44
TOTAL	1101.6	100.0

SDC 4-4 NO.OF FORMS = 47 DIVERSITY = 3.47
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	0.6	0.07
AMPHORA SP.	0.6	0.07
ANABAENA FLOS-AQUAE	6.0	0.71
ANACYSTIS INCERTA	192.7	22.76
ANACYSTIS THERMALIS	96.4	11.38
ANKISTRODESMUS SP. #3	0.6	0.07
ANKISTRODESMUS SP. #5	1.2	0.14
ASTERIONELLA FORMOSA	6.0	0.71
CRYPTOMONAS SP.	19.3	2.28
CYCLOTELLA CRYPTICA	0.6	0.07
CYCLOTELLA KUETZINGIANA	3.0	0.36
CYCLOTELLA MICHIGANIANA	13.9	1.64
CYCLOTELLA OCELLATA	6.0	0.71
CYCLOTELLA SP.	1.2	0.14
CYCLOTELLA STELLIGERA	6.0	0.71
DINOFLAGELLATES	0.6	0.07
FLAGELLATES	231.9	27.38
FRAGILARIA CROTONENSIS	11.4	1.35
GLOEOCYSTIS PLANCTONICA	49.4	5.83
GOMPHOSPHAERIA LACUSTRIS	81.3	9.60
GREEN COCCOID, UNKNOWN	6.0	0.71
MELOSIRA GRANULATA	16.3	1.92
MELOSIRA ITALICA	13.9	1.64
NAVICULA CAPITATA	0.6	0.07
NITZSCHIA ACUTA	0.6	0.07
NITZSCHIA CONFINIS	1.8	0.21
NITZSCHIA DENTICULA	0.6	0.07
NITZSCHIA DISSIPATA	2.4	0.28
NITZSCHIA PONTICOLA	2.4	0.28
NITZSCHIA KUETZINGIANA	1.8	0.21
NITZSCHIA PALEA	0.6	0.07
NITZSCHIA SP.	0.6	0.07
NITZSCHIA SP. #10	1.8	0.21
NITZSCHIA SP. #1	6.0	0.71
RHIZOSOLENIA ERIENSIS	0.6	0.07
SCENEDESMUS QUADRICAUDA	4.8	0.57
SCENEDESMUS SP.	5.4	0.64
STEPHANODISCUS ALPINUS	6.0	0.71
STEPHANODISCUS HANTZSCHII	1.2	0.14
STEPHANODISCUS MINUTUS	17.5	2.06
STEPHANODISCUS SP.	1.8	0.21
STEPHANODISCUS SUBTILIS	2.4	0.28
STEPHANODISCUS TENUIS	1.8	0.21
SUBIRELLA OVATA	1.2	0.14
SYNEDRA FILIFORMIS	4.2	0.50
TABELLARIA FENESTRATA	0.6	0.07
TABELLARIA FENESTRATA V. INTERMEDIA	15.1	1.78
TOTAL	846.9	100.0

SDC 7-1 NO.OF FORMS = 52 DIVERSITY = 3.50
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	2.4	0.10
AMPHORA OVALIS V. PEDICULUS	2.4	0.10
AMPHORA ROTUNDA	2.4	0.10
ANACYSTIS INCERTA	589.9	24.02
ANACYSTIS THERMALIS	240.8	9.80
ANKISTRODESMUS FALCATUS	2.4	0.10
ASTERIONELLA FORMOSA	67.4	2.75
COELOSPHAERIUM SP.	28.9	1.18
COSMARIUM SP. #1	2.4	0.10
CRYPTOMONAS SP.	31.3	1.27
CYCLOTELLA MENEGHINIANA	4.8	0.20
CYCLOTELLA MICHIGANIANA	31.3	1.27
CYCLOTELLA OCELLATA	9.6	0.39
CYCLOTELLA SP.	4.8	0.20
CYCLOTELLA STELLIGERA	7.2	0.29
FLAGELLATES	450.3	18.33
FRAGILARIA CAPUCINA	2.4	0.10
FRAGILARIA CROTONENSIS	161.3	6.57
FRAGILARIA PINNATA	2.4	0.10
GLOEOCYSTIS PLANCTONICA	28.9	1.18
GOMPHONEMA SP.	2.4	0.10
GOMPHOSPHAERIA LACUSTRIS	481.6	19.61
MELOSIRA GRANULATA	28.9	1.18
MELOSIRA ITALICA	2.4	0.10
MELOSIRA SP.	4.8	0.20
NAVICULA SP.	4.8	0.20
NAVICULA SP. (AFF. N. CAPITATA)	4.8	0.20
NITZSCHIA ACICULARIS	2.4	0.10
NITZSCHIA BACATA	7.2	0.29
NITZSCHIA PONTICOLA	9.6	0.39
NITZSCHIA KUETZINGIANA	4.8	0.20
NITZSCHIA PALEA	7.2	0.29
NITZSCHIA PALLACEA	2.4	0.10
NITZSCHIA SPICULOIDES	2.4	0.10
NITZSCHIA SP.	4.8	0.20
NITZSCHIA SP. #10	2.4	0.10
NITZSCHIA SP. #1	2.4	0.10
RHIZOSOLENIA GRACILIS	2.4	0.10
SCENEDESMUS ACUMINATUS	28.9	1.18
SCENEDESMUS DENTICULATUS	4.8	0.20
SCENEDESMUS SP.	9.6	0.39
STAURASTRUM SP.	4.8	0.20
STEPHANODISCUS ALPINUS	21.7	0.88
STEPHANODISCUS HANTZSCHII	4.8	0.20
STEPHANODISCUS MINUTUS	40.9	1.67
STEPHANODISCUS SP.	2.4	0.10
STEPHANODISCUS SUBSALSUS	4.8	0.20
STEPHANODISCUS SUBTILIS	21.7	0.88
STEPHANODISCUS TENUIS	9.6	0.39
SYNEDRA FILIFORMIS	9.6	0.39
SYNEDRA PARASITICA V. SUBCONSPICUA	2.4	0.10
TABELLARIA FENESTRATA V. INTERMEDIA	38.5	1.57
TOTAL	2455.9	100.0

SPC 7-3 NO.OF FORMS = 58 DIVERSITY = 3.32
COUNTED BY: N.S.
METHOD: SETTLE-PREPZT

	CELLS/ML	PERCENT
ACHNANTHES SP.	1.2	0.07
ACHNANTHES SP. #1	1.2	0.07
AMPHIPLEURA PELLUCIDA	7.2	0.40
AMPHORA OVALIS V. PEDICULUS	2.4	0.13
AMPHORA SP.	1.2	0.07
ANACYSTIS INCERTA	686.2	38.33
ANACYSTIS THERMALIS	177.1	9.89
ANKISTRODESMUS SP. #3	2.4	0.13
ASTERIONELLA FORMOSA	20.5	1.14
CERATIUM HIRUNDINELLA	1.2	0.07
CRYPTOMONAS SP.	40.9	2.29
CYCLOTELLA COMTA V. BODANICA	3.6	0.20
CYCLOTELLA KUETZINGIANA	1.2	0.07
CYCLOTELLA MICHIGANIANA	16.9	0.94
CYCLOTELLA OCELLATA	10.8	0.61
CYCLOTELLA STELLIGERA	3.6	0.20
DIATOMA TENUE	1.2	0.07
FLAGELLATES	361.2	20.17
GLEOCYSTIS PLANCTONICA	24.1	1.34
GLEOCYSTIS SP.	48.2	2.69
GOMPHOSPHAERIA LACUSTRIS	96.3	5.38
MALLOMONAS PSEUDOCOELATA	1.2	0.07
MELOSIRA GRANULATA	26.5	1.48
MELOSIRA ITALICA	13.2	0.74
NAVICULA DECUSSIS	1.2	0.07
NAVICULA MENISCULUS V. UPSALIENSIS	1.2	0.07
NITZSCHIA ACICULARIS	14.4	0.81
NITZSCHIA BACATA	7.2	0.40
NITZSCHIA CONFINIS	9.6	0.54
NITZSCHIA DISSIPATA	3.6	0.20
NITZSCHIA FONTICOLA	3.6	0.20
NITZSCHIA FONTICOLOIDES	1.2	0.07
NITZSCHIA KUETZINGIANA	6.0	0.34
NITZSCHIA PALEA	1.2	0.07
NITZSCHIA PALEACEA	2.4	0.13
NITZSCHIA SP.	7.2	0.40
NITZSCHIA SP. #10	6.0	0.34
NITZSCHIA SP. #1	1.2	0.07
NITZSCHIA SP. #2	1.2	0.07
NITZSCHIA SP. #8	1.2	0.07
NITZSCHIA SP. #9	2.4	0.13
RHIZOSOLENIA GRACILIS	1.2	0.07
SCENEDESMUS ACUMINATUS	4.8	0.27
SCENEDESMUS QUADRICAUDA	4.8	0.27
SCENEDESMUS SP.	4.8	0.27
STAURONEIS SP.	1.2	0.07
STEPHANODISCUS ALPINUS	16.1	1.11
STEPHANODISCUS AUXOSPORE	1.2	0.07
STEPHANODISCUS HANTZSCHII	3.6	0.20
STEPHANODISCUS MINUTUS	47.6	2.62
STEPHANODISCUS SP.	1.2	0.07
STEPHANODISCUS SUBTILIS	20.5	1.14
STEPHANODISCUS TENUIS	8.4	0.47
SYNEDRA ANGUSTA	2.4	0.13
SYNEDRA DELICATISSIMA	2.4	0.13
SYNEDRA FILIFORMIS	7.2	0.40
TABELLARIA FENESTRATA	2.4	0.13
TABELLARIA FENESTRATA V. INTERMEDIA	38.5	2.15
TOTAL	1790.2	100.00

SPC 7-5 NO.OF FORMS = 49 DIVERSITY = 2.89
COUNTED BY: N.S.
METHOD: SETTLE-PREPZT

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	4.8	0.28
AMPHORA OVALIS V. PEDICULUS	1.2	0.07
ANABAENA FLOS-AQUAE	57.8	3.30
ANACYSITS INCERTA	975.2	56.00
ANACYSTIS THERMALIS	108.4	6.19
ANKISTRODESMUS SP. #3	8.4	0.48
ASTERIONELLA FORMOSA	8.4	0.48
AUXOSPORE SP.	1.2	0.07
CERATIUM HIRUNDINELLA	1.2	0.07
COELASTRUM SP.	26.5	1.51
CRYPTOMONAS SP.	24.1	1.38
CYCLOTELLA MICHIGANIANA	24.1	1.38
CYCLOTELLA OCELLATA	8.4	0.48
CYCLOTELLA STELLIGERA	7.2	0.41
DINOBRYON DIVERGENS	2.4	0.14
DINOFLAGELLATES	1.2	0.07
FLAGELLATES	257.6	14.72
FRAGILARIA CROTONENSIS	47.0	2.68
GLOEOCYSTIS SP.	24.1	1.38
GOMPHOSPHAERIA LACUSTRIS	120.4	6.88
GREEN COCCOID, UNKNOWN	3.6	0.21
MELOSIRA ITALICA	3.6	0.21
NAVICULA LATENS	1.2	0.07
NAVICULA SP.	1.2	0.07
NAVICULA SP. #78	1.2	0.07
NITZSCHIA ACICULARIS	3.6	0.21
NITZSCHIA ACUTA	1.2	0.07
NITZSCHIA BACATA	1.2	0.07
NITZSCHIA DISSIPATA	1.2	0.07
NITZSCHIA FONTICOLA	1.2	0.07
NITZSCHIA KUETZINGIANA	6.0	0.34
NITZSCHIA PALEACEA	1.2	0.07
NITZSCHIA PREVULA	1.2	0.07
NITZSCHIA SP. #1	3.6	0.21
NITZSCHIA SP. #9	1.2	0.07
OOCYSTIS SP.	7.2	0.41
SCENEDESMUS ACUMINATUS	2.4	0.14
SCENEDESMUS BICELLULARIS	4.8	0.28
SCENEDESMUS QUADRICAUDA	1.2	0.07
STEPHANODISCUS ALPINUS	13.2	0.76
STEPHANODISCUS MINUTUS	37.3	2.13
STEPHANODISCUS SP.	1.2	0.07
STEPHANODISCUS SUBTILIS	8.4	0.48
STEPHANODISCUS TENUIS	3.6	0.21
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.4	0.14
SYNEDRA DEMERSAE	4.8	0.28
SYNEDRA FILIFORMIS	1.2	0.07
TABELLARIA FENESTRATA V. INTERMEDIA	9.6	0.55
TABELLARIA FLOCCULOSA	10.8	0.62
TOTAL	1750.5	100.00

PHYTOPLANKTON COLLECTIONS, 17 APRIL 1975

DC-0 NO.OF FORMS = 44 DIVERSITY = 4.23
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA V. ELLIPTICA	1.8	0.08
ASTERIONELLA FORMOSA	66.3	2.95
CRYPTOMONAS SP.	16.6	0.74
CYCLOTELLA MENEGHINIANA	1.8	0.08
CYCLOTELLA MICHIGANIANA	1.8	0.08
CYCLOTELLA OCELLATA	1.8	0.08
CYCLOTELLA PLANKTONICA	3.7	0.16
CYCLOTELLA SP.	7.4	0.33
CYCLOTELLA STELLIGERA	77.4	3.45
DIATOMA TENUE	1.8	0.08
DIATOMA TENUE V. ELONGATUM	31.3	1.39
DINOBRYON DIVERGENS	31.3	1.39
FLAGELLATES	222.9	9.93
FRAGILARIA CAPUCINA	66.3	2.95
FRAGILARIA CROTONENSIS	318.7	14.19
FRAGILARIA INTERMEDIA	119.7	5.33
FRAGILARIA LEPTOSTAURON V. DUBIA	1.8	0.08
GLOEOCYSTIS SP.	5.5	0.25
GREEN FILAMENT, UNKNOWN	1.8	0.08
MELOSIRA ISLANDICA	116.1	5.17
MELOSIRA ITALICA	129.0	5.74
MERIDION CIRCULARE	1.8	0.08
NAVICULA CRYPTOCEPHALA V. VENETA	1.8	0.08
NITZSCHIA ACICULARIS	1.8	0.08
NITZSCHIA BACATA	1.8	0.08
NITZSCHIA CONFINIS	1.8	0.08
NITZSCHIA DISSIPATA	7.4	0.33
OSCILLATORIA LIMNETICA	1.8	0.08
SCENEDESMUS QUADRICAUDA	7.4	0.33
STEPHANODISCUS ALPINUS	94.0	4.18
STEPHANODISCUS BINDERANUS	154.8	6.89
STEPHANODISCUS HANTZSCHII	23.9	1.07
STEPHANODISCUS MINUTUS	267.1	11.90
STEPHANODISCUS SP.	114.2	5.09
STEPHANODISCUS SUBTILIS	47.9	2.13
STEPHANODISCUS TENUIS	130.8	5.82
STEPHANODISCUS TRANSILVANICUS	20.3	0.90
SURIRELLA ANGUSTA	1.8	0.08
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.16
SYNEDRA FILIFORMIS	68.2	3.04
SYNEDRA OSTENFELDII	1.8	0.08
SYNEDRA TENERA	1.8	0.08
TABELLARIA FENESTRATA V. INTERMEDIA	49.7	2.21
THALASSIOSIRA PSEUDONANA	14.7	0.66
TOTAL	2245.8	100.0

DC-1 NO.OF FORMS = 54 DIVERSITY = 4.27
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LINEARIS	7.4	0.21
ANACYSTIS INCERTA	7.4	0.21
ANKISTRODESMUS FALCATUS	3.7	0.11
ASTERIONELLA FORMOSA	169.5	4.87
CRYPTOMONAS SP.	29.5	0.85
CRYPTOPHYCEAN FLAGELLATES	7.4	0.21
CYCLOTELLA COMTA	3.7	0.11
CYCLOTELLA MICHIGANIANA	7.4	0.21
CYCLOTELLA OCELLATA	14.7	0.42
CYCLOTELLA PLANKTONICA	3.7	0.11
CYCLOTELLA STELLIGERA	302.1	8.69
DIATOMA TENUE	3.7	0.11
DIATOMA TENUE V. ELONGATUM	59.0	1.69
DINOBRYON DIVERGENS	14.7	0.42
FLAGELLATES	482.7	13.88
FRAGILARIA CAPUCINA	7.4	0.21
FRAGILARIA CROTONENSIS	228.4	6.57
FRAGILARIA INTERMEDIA	129.0	3.71
GLOEOCYSTIS PLANCTONICA	92.1	2.65
GLOEOCYSTIS SP.	11.1	0.32
MELOSIRA DISTANS V. ALPIGENA	7.4	0.21
MELOSIRA GRANULATA	7.4	0.21
MELOSIRA ISLANDICA	114.2	3.28
MELOSIRA ITALICA	125.3	3.60
NAVICULA CRYPTOCEPHALA V. VENETA	7.4	0.21
NAVICULA MENISCULUS V. OBTUSA	3.7	0.11
NAVICULA SIMPLEX	3.7	0.11
NAVICULA SP.	7.4	0.21
NITZSCHIA #1	3.7	0.11
NITZSCHIA #2	11.1	0.32
NITZSCHIA ACICULARIS	18.4	0.53
NITZSCHIA BACATA	3.7	0.11
NITZSCHIA CONFINIS	7.4	0.21
NITZSCHIA SP.	3.7	0.11
OSCILLATORIA LIMNETICA	7.4	0.21
RHIZOSOLENIA ERIENSIS	3.7	0.11
RHIZOSOLENIA GRACILIS	29.5	0.85
SCENEDESMUS BICELLULARIS	7.4	0.21
STEPHANODISCUS ALPINUS	117.9	3.39
STEPHANODISCUS BINDERANUS	47.9	1.38
STEPHANODISCUS MINUTUS	390.6	11.23
STEPHANODISCUS NIAGARAE	3.7	0.11
STEPHANODISCUS SP.	25.8	0.74
STEPHANODISCUS SUBTILIS	51.6	1.48
STEPHANODISCUS TENUIS	409.0	11.76
SURIRELLA ANGUSTA	3.7	0.11
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	25.8	0.74
SYNEDRA FILIFORMIS	73.2	4.98
SYNEDRA OSTENFELDII	7.4	0.21
SYNEDRA SP.	3.7	0.11
SYNEDRA TENERA	3.7	0.11
SYNEDRA ULNA V. CHASEANA	3.7	0.11
TABELLARIA FLOCCULOSA	243.2	6.99
THALASSIOSIRA PSEUDONANA	11.1	0.32
TOTAL	3478.2	100.0

DC-2 NO.OF FORMS = 40 DIVERSITY = 4.06
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	110.5	2.34
ANKISTRODESMUS FALCATUS	7.4	0.16
ASTERIONELLA FORMOSA	228.4	4.84
CRYPTOMONAS SP.	36.8	0.78
CYCLOTELLA ATOMUS	14.7	0.31
CYCLOTELLA OCELLATA	14.7	0.31
CYCLOTELLA SP.	7.4	0.16
CYCLOTELLA STELLIGERA	582.2	12.34
DIATOMA TENUE V. ELONGATUM	88.4	1.88
FLAGELLATES	994.8	21.09
FRAGILARIA CROTONENSIS	250.6	5.31
FRAGILARIA INTERMEDIA	88.4	1.88
GLENODINIUM SP.	29.5	0.63
GLOEOCYSTIS SP.	29.5	0.63
GREEN COCCOID, UNKNOWN	7.4	0.16
GREEN FILAMENT, UNKNOWN	7.4	0.16
MELOSIRA GRANULATA	7.4	0.16
MELOSIRA ISLANDICA	132.6	2.81
MELOSIRA ITALICA	147.4	3.13
NAVICULA DECUSSIS	7.4	0.16
NAVICULA SIMPLEX	7.4	0.16
NAVICULA SP.	7.4	0.16
NITZSCHIA CONFINIS	7.4	0.16
NITZSCHIA DISSIPATA	7.4	0.16
NITZSCHIA SP. #2	7.4	0.16
OSCILLATORIA LIMNETICA	14.7	0.31
OSCILLATORIA SP.	7.4	0.16
RHIZOSOLENIA GRACILIS	29.5	0.63
STEPHANODISCUS ALPINUS	235.8	5.00
STEPHANODISCUS BINDERANUS	103.2	2.19
STEPHANODISCUS HANTZSCHII	191.6	4.06
STEPHANODISCUS MINUTUS	294.8	6.25
STEPHANODISCUS SP.	81.1	1.72
STEPHANODISCUS SUBTILIS	36.8	0.78
STEPHANODISCUS TENUIS	449.5	9.53
SURIRELLA ANGUSTA	7.4	0.16
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	14.7	0.31
SYNEDRA FILIFORMIS	110.5	2.34
TABELLARIA FENESTRATA V. INTERMEDIA	302.1	6.41
TABELLARIA FLOCCULOSA	7.4	0.16
TOTAL	4716.3	100.0

DC-3 NO.OF FORMS = 50 DIVERSITY = 4.37
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	81.1	3.01
CRYPTOMONAS SP.	12.9	0.48
CRYPTOPHYCEAN FLAGELLATES	9.2	0.34
CYCLOTELLA KUETZINGIANA V PLANETOPHORA	1.8	0.07
CYCLOTELLA MENEGHINIANA	1.8	0.07
CYCLOTELLA OCELLATA	12.9	0.48
CYCLOTELLA SP.	1.8	0.07
CYCLOTELLA STELLIGERA	333.5	12.39
DACTYLOCCCCOESIS SP.	1.8	0.07
DIATOMA TENUE V. ELONGATUM	60.8	2.26
DINOBRYON DIVERGENS	33.2	1.23
FLAGELLATES	307.7	11.43
FRAGILARIA CAPUCINA	127.1	4.72
FRAGILARIA CROTONENSIS	66.3	2.46
FRAGILARIA INTERMEDIA	71.8	2.67
FRAGILARIA PINNATA V. LANCETTULA	1.8	0.07
GLENODINIUM SP.	1.8	0.07
GLOEOCYSTIS PLANCTONICA	44.2	1.64
GLOEOCYSTIS SP.	9.2	0.34
GREEN FILAMENT, UNKNOWN	3.7	0.14
MELOSIRA GRANULATA	5.5	0.21
MELOSIRA ISLANDICA	105.0	3.90
MELOSIRA ITALICA	94.0	3.49
NAVICULA SP.	1.8	0.07
NAVICULA TRIPUNCTATA	1.8	0.07
NAVICULA VIRIDULA	1.8	0.07
NITZSCHIA ACICULARIS	11.1	0.41
NITZSCHIA BACATA	5.5	0.21
NITZSCHIA CONFINIS	5.5	0.21
NITZSCHIA DISSIPATA	3.7	0.14
NITZSCHIA SPICULOIDES	5.5	0.21
NITZSCHIA SP. #2	3.7	0.14
OSCILLATORIA LIMNETICA	3.7	0.14
OSCILLATORIA SP.	3.7	0.14
RHIZOSOLENIA ERIENSIS	5.5	0.21
RHIZOSOLENIA GRACILIS	127.1	4.72
RHOICOSPHENIA CURVATA	1.8	0.07
STEPHANODISCUS ALPINUS	70.0	2.60
STEPHANODISCUS BINDERANUS	71.8	2.67
STEPHANODISCUS HANTZSCHII	125.3	4.65
STEPHANODISCUS MINUTUS	278.2	10.34
STEPHANODISCUS NIAGARAE	7.4	0.27
STEPHANODISCUS SP.	20.3	0.75
STEPHANODISCUS SUBTILIS	42.4	1.57
STEPHANODISCUS TENUIS	269.0	9.99
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	9.2	0.34
SYNEDRA FILIFORMIS	125.3	4.65
SYNEDRA ULNA V. CHASEANA	1.8	0.07
TABELLARIA FLOCCULOSA	90.3	3.35
THALASSIOSIRA PSEUDONANA	9.2	0.34
TOTAL	2691.6	100.0

DC-4 NO.OF FORMS = 57 DIVERSITY = 4.36
COUNTED BY: D.F.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES MINUTISSIMA	3.7	0.07
ANKISTRODESMUS FALCATUS	3.7	0.07
ASTERIONELLA FORMOSA	224.8	4.19
COELOSPHAERIUM SP.	405.3	7.56
CRUCIGENIA QUADRATA	235.8	4.40
CRYPTOMONAS SP.	14.7	0.27
CRYPTOPHYCEAN FLAGELLATES	7.4	0.14
CYCLOTELLA COMTA	3.7	0.07
CYCLOTELLA KUETZINGIANA V PLANETOPHORA	3.7	0.07
CYCLOTELLA KUETZINGIANA	7.4	0.14
CYCLOTELLA MICHIGANIANA	3.7	0.07
CYCLOTELLA OCELLATA	25.8	0.48
CYCLOTELLA STELLIGERA	663.2	12.37
CYMATOPLEURA SOLEA V. APICULATA	3.7	0.07
DACTYLOCOCCOPSIS SP.	3.7	0.07
DIATOMA EHRENBERGII	7.4	0.14
DIATOMA TENUE V. ELONGATUM	110.5	2.06
DINOBRYON DIVERGENS	3.7	0.07
EUGLENA SP.	11.1	0.21
FLAGELLATES	401.6	7.49
FRAGILARIA CROTONENSIS	346.4	6.46
FRAGILARIA INTERMEDIA	33.2	0.62
GLENODINIUM SP.	3.7	0.07
GOMPHONEMA SP.	3.7	0.07
MELOSIRA GRANULATA	51.6	0.96
MELOSIRA ISLANDICA	224.8	4.19
MELOSIRA ITALICA	169.5	3.16
NAVICULA CRYPTOCEPHALA V. VENETA	3.7	0.07
NAVICULA SIMPLEX	3.7	0.07
NAVICULA VIRIDULA V. #2	3.7	0.07
NITZSCHIA ACICULARIS	29.5	0.55
NITZSCHIA BACATA	7.4	0.14
NITZSCHIA CONFINIS	3.7	0.07
NITZSCHIA DISSIPATA	11.1	0.21
NITZSCHIA KUETZINGIANA	3.7	0.07
NITZSCHIA SPICULOIDES	3.7	0.07
NITZSCHIA SP.	7.4	0.14
OSCILLATORIA LIMNETICA	7.4	0.14
OSCILLATORIA SP.	7.4	0.14
RHIZOSOLENIA ERIENSIS	7.4	0.14
RHIZOSOLENIA GRACILIS	40.5	0.76
SCENEDESMUS BICELLULARIS	22.1	0.41
STEPHANODISCUS ALPINUS	232.1	4.33
STEPHANODISCUS BINDERANUS	81.1	1.51
STEPHANODISCUS HANTZSCHII	243.2	4.54
STEPHANODISCUS MINUTUS	445.8	8.32
STEPHANODISCUS NIAGARAE	14.7	0.27
STEPHANODISCUS SP.	59.0	1.10
STEPHANODISCUS SUBTILIS	88.4	1.65
STEPHANODISCUS TENUIS	641.1	11.96
STEPHANODISCUS TRANSILVANICUS	3.7	0.07
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	22.1	0.41
SYNEDRA FILIFORMIS	239.5	4.47
SYNEDRA OSTENFELDII	7.4	0.14
SYNEDRA SP.	3.7	0.07
TABELLARIA FLOCCULOSA	117.9	2.20
THALASSIOSIRA PSEUDONANA	22.1	0.41
TOTAL	5361.1	100.0

DC-5 NO.OF FORMS = 44 DIVERSITY = 4.07
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA	1.8	0.10
ACHNANTHES SP.	1.8	0.10
ANKISTRODESMUS FALCATUS	5.5	0.29
ASTERIONELLA FORMOSA	141.9	7.41
CRYPTOMONAS SP.	22.1	1.15
CRYPTOPHYCEAN FLAGELLATES	1.8	0.10
CYCLOTELLA MICHIGANIANA	3.7	0.19
CYCLOTELLA OCELLATA	12.9	0.67
CYCLOTELLA STELLIGERA	348.2	18.19
DACTYLOCOCCOPSIS SP.	12.9	0.67
DIATOMA TENUE V. ELONGATUM	38.7	2.02
DIATOMA VULGARE	1.8	0.10
DINOBRYON DIVERGENS	1.8	0.10
FLAGELLATES	331.6	17.32
FRAGILARIA CAPUCINA V. MESOLEPTA	1.8	0.10
FRAGILARIA CAPUCINA	27.6	1.44
FRAGILARIA CROTONENSIS	125.3	6.54
GLENODINIUM SP.	5.5	0.29
GLOEOCYSTIS PLANCTONICA	51.6	2.69
MELOSIRA ISLANDICA	40.5	2.12
MELOSIRA ITALICA	66.3	3.46
NITZSCHIA #2	1.8	0.10
NITZSCHIA ACICULARIS	11.1	0.58
NITZSCHIA BACATA	1.8	0.10
NITZSCHIA CONFINIS	5.5	0.29
NITZSCHIA DISSIPATA	18.4	0.96
NITZSCHIA SPICULOIDES	3.7	0.19
OSCILLATORIA LIMNETICA	11.1	0.58
RHIZOSOLENIA ERIENSIS	3.7	0.19
RHIZOSOLENIA GRACILIS	38.7	2.02
SCENEDESMUS BICELLULARIS	3.7	0.19
STEPHANODISCUS ALPINUS	57.1	2.98
STEPHANODISCUS BINDERANUS	1.8	0.10
STEPHANODISCUS HANTZSCHII	57.1	2.98
STEPHANODISCUS MINUTUS	123.4	6.45
STEPHANODISCUS SP.	14.7	0.77
STEPHANODISCUS SUBTILIS	11.1	0.58
STEPHANODISCUS TENUIS	88.4	4.62
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.38
SYNEDRA FILIFORMIS	164.0	8.57
SYNEDRA OSTENFELDII	22.1	1.15
SYNEDRA SP.	1.8	0.10
SYNEDRA TENERA	1.8	0.10
TABELLARIA FLOCCULOSA	18.4	0.96
TOTAL	1914.1	100.0

DC-6 NO.OF FORMS = 55 DIVERSITY = 4.23
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. PEDICULUS	1.8	0.11
ANKISTRODESMUS FALCATUS	5.5	0.34
ASTERIONELLA FORMOSA	160.3	9.93
CRUCIGENIA QUADRATA	29.5	1.83
CRYPTOMONAS SP.	14.7	0.91
CYCLOTELLA MICHIGANIANA	1.8	0.11
CYCLOTELLA OCELLATA	35.0	2.17
CYCLOTELLA STELLIGERA	221.1	13.70
CYMATOPLEURA SOLEA V. APICULATA	1.8	0.11
DACTYLOCOCCOPSIS SP.	3.7	0.23
DIATOMA TENUE V. ELONGATUM	5.5	0.34
DINOFLAGELLATES	1.8	0.11
EUGLENA SP.	1.8	0.11
FLAGELLATES	320.6	19.86
FRAGILARIA CONSTRUENS V. MINUTA	1.8	0.11
FRAGILARIA CONSTRUENS V. VENTER	1.8	0.11
FRAGILARIA CROTONENSIS	33.2	2.05
FRAGILARIA INTERMEDIA	22.1	1.37
GLENODINIUM SP.	3.7	0.23
GLOEOCYSTIS SP.	70.0	4.34
MELOSIRA ISLANDICA	14.7	0.91
MELOSIRA ITALICA	55.3	3.42
NAVICULA LANCEOLATA	1.8	0.11
NAVICULA SP.	1.8	0.11
NITZSCHIA #2	3.7	0.23
NITZSCHIA ACICULARIS	14.7	0.91
NITZSCHIA ACUTA	1.8	0.11
NITZSCHIA BACATA	14.7	0.91
NITZSCHIA CONFINIS	7.4	0.46
NITZSCHIA DISSIPATA	16.6	1.03
NITZSCHIA KUETZINGIANA	1.8	0.11
NITZSCHIA SPICULOIDES	1.8	0.11
NITZSCHIA SP.	3.7	0.23
OSCILLATORIA LIMNETICA	9.2	0.57
RHIZOSOLENIA GRACILIS	46.1	2.85
STEPHANODISCUS ALPINUS	59.0	3.65
STEPHANODISCUS ASTRAEA	1.8	0.11
STEPHANODISCUS HANTZSCHII	36.8	2.28
STEPHANODISCUS MINUTUS	86.6	5.37
STEPHANODISCUS NIAGARAE	11.1	0.68
STEPHANODISCUS SP.	11.1	0.68
STEPHANODISCUS SUBTILIS	11.1	0.68
STEPHANODISCUS TENUIS	35.0	2.17
STEPHANODISCUS TRANSILVANICUS	1.8	0.11
SYNEDRA ACUS	1.8	0.11
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.46
SYNEDRA DEMERARAE	1.8	0.11
SYNEDRA FILIFORMIS	158.4	9.82
SYNEDRA MINUSCULA	1.8	0.11
SYNEDRA OSTENFELDII	5.5	0.34
SYNEDRA SP.	1.8	0.11
SYNEDRA TENERA	3.7	0.23
SYNEDRA ULNA V. CHASEANA	5.5	0.34
TABELLARIA FLOCCULOSA	5.5	0.34
THALASSIOSIRA PSEUDONANA	33.2	2.05
TOTAL	1613.8	100.0

NDC.5-0 NO.OF FORMS = 45 DIVERSITY = 4.24
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES EXIGUA	3.7	0.16
ACHNANTHES LANCEOLATA V. OMISSA	3.7	0.16
ANACYSTIS INCERTA	184.2	7.82
ANKISTRODESMUS FALCATUS	7.4	0.31
ASTERIONELLA FORMOSA	92.1	3.91
COSMARIUM #1	3.7	0.16
CRYPTOMONAS SP.	14.7	0.63
CYCLOTELLA ATOMUS	7.4	0.31
CYCLOTELLA KUETZINGIANA	3.7	0.16
CYCLOTELLA MICHIGANIANA	3.7	0.16
CYCLOTELLA OCELLATA	3.7	0.16
CYCLOTELLA SP.	3.7	0.16
CYCLOTELLA STELLIGERA	125.3	5.32
CYMBELLA NAVICULIFORMIS	3.7	0.16
DIATOMA TENUE V. ELONGATUM	47.9	2.03
FLAGELLATES	298.5	12.68
FRAGILARIA CAPUCINA	18.4	0.78
FRAGILARIA CROTONENSIS	147.4	6.26
FRAGILARIA INTERMEDIA	29.5	1.25
GLENODINIUM SP.	3.7	0.16
GOMPHOSPHAERIA APONINA	165.8	7.04
GREEN COCCOID, UNKNOWN	11.1	0.47
MELOSIRA ISLANDICA	88.4	3.76
MELOSIRA ITALICA	99.5	4.23
NAVICULA CRYPTOCEPHALA V. VENETA	3.7	0.16
NITZSCHIA ACICULARIS	7.4	0.31
NITZSCHIA ACUTA	3.7	0.16
NITZSCHIA BACATA	3.7	0.16
NITZSCHIA CONFINIS	3.7	0.16
NITZSCHIA PALEA	3.7	0.16
NITZSCHIA SP. #2	11.1	0.47
OSCILLATORIA LIMNETICA	3.7	0.16
RHIZOSOLENIA GRACILIS	11.1	0.47
SCENEDESMUS BICELLULARIS	7.4	0.31
STEPHANODISCUS ALPINUS	103.2	4.38
STEPHANODISCUS BINDERANUS	22.1	0.94
STEPHANODISCUS HANTZSCHII	92.1	3.91
STEPHANODISCUS MINUTUS	114.2	4.85
STEPHANODISCUS SP.	66.3	2.82
STEPHANODISCUS SUBTILIS	7.4	0.31
STEPHANODISCUS TENUIS	405.3	17.21
SYNEDRA FILIFORMIS	51.6	2.19
SYNEDRA TENERA	7.4	0.31
SYNEDRA ULNA	3.7	0.16
TABELLARIA FENESTRATA V. INTERMEDIA	51.6	2.19
TOTAL	2354.4	100.0

NDC.5-1 NO.OF FORMS = 51 DIVERSITY = 4.34
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	37.7	2.09
CRUCIGENIA QUADRATA	12.9	0.72
CRYPTOMONAS SP.	6.5	0.36
CRYPTOPHYCEAN FLAGELLATES	9.7	0.54
CYCLOTELLA ATOMUS	20.5	1.13
CYCLOTELLA MENEGHINIANA V. PLANA	1.1	0.06
CYCLOTELLA MENEGHINIANA	7.5	0.42
CYCLOTELLA MICHIGANIANA	8.6	0.48
CYCLOTELLA OCELLATA	15.1	0.83
CYCLOTELLA SP.	3.2	0.18
CYCLOTELLA STELLIGERA	154.0	8.52
DIATOMA TENUE V. ELONGATUM	47.4	2.62
FLAGELLATES	259.5	14.36
FRAGILARIA CROTONENSIS	136.7	7.57
FRAGILARIA INTERMEDIA	38.8	2.15
FRAGILARIA LAPPONICA	1.1	0.06
FRAGILARIA SP.	1.1	0.06
GLENODINIUM SP.	5.4	0.30
GLOEOCYSTIS PLANCTONICA	20.5	1.13
GLOEOCYSTIS SP.	20.5	1.13
GREEN COCCOID, UNKNOWN	16.1	0.89
GREEN FILAMENT, UNKNOWN	1.1	0.06
MELOSIRA GRANULATA	38.8	2.15
MELOSIRA ISLANDICA	62.4	3.46
MELOSIRA ITALICA SUBSP. SUBARCTICA	40.9	2.26
NAVICULA ANGLICA V. SIGNATA	1.1	0.06
NAVICULA LANCEOLATA	2.2	0.12
NAVICULA PUPULA	1.1	0.06
NAVICULA SIMPLEX	1.1	0.06
NAVICULA SP.	1.1	0.06
NITZSCHIA ACICULARIS	7.5	0.42
NITZSCHIA CONFINIS	2.2	0.12
NITZSCHIA DISSIPATA	4.3	0.24
NITZSCHIA PALEA	5.4	0.30
NITZSCHIA RECTA	1.1	0.06
NITZSCHIA SPICULOIDES	1.1	0.06
NITZSCHIA SP.	1.1	0.06
OSCILLATORIA LIMNETICA	1.1	0.06
RHIZOSOLENIA GRACILIS	24.8	1.37
RHOICOSPHENIA CURVATA	1.1	0.06
STEPHANODISCUS ALPINUS	15.1	0.83
STEPHANODISCUS BINDERANUS	90.4	5.01
STEPHANODISCUS HANTZSCHII	103.4	5.72
STEPHANODISCUS MINUTUS	141.0	7.81
STEPHANODISCUS SUBTILIS	17.2	0.95
STEPHANODISCUS TENUIS	229.3	12.69
STEPHANODISCUS TRANSILVANICUS	11.8	0.66
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.2	0.18
SYNEDRA FILIFORMIS	65.7	3.64
SYNEDRA TENERA	2.2	0.12
TABELLARIA FENESTRATA V. INTERMEDIA	104.4	5.78
TOTAL	1806.6	100.0

NDC.5-2 NO.OF FORMS = 46 DIVERSITY = 4.05
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	43.1	2.60
ASTERIONELLA FORMOSA	115.2	6.96
CRYPTOMONAS SP.	10.8	0.65
CYCLOTELLA ATOMUS	2.2	0.13
CYCLOTELLA CRYPTICA	3.2	0.20
CYCLOTELLA KUETZINGIANA	7.5	0.46
CYCLOTELLA MENEGHINIANA	1.1	0.07
CYCLOTELLA MICHIGANIANA	3.2	0.20
CYCLOTELLA OCELLATA	6.5	0.39
CYCLOTELLA STELLIGERA	51.7	3.12
DIATOMA SP.	1.1	0.07
DIATOMA TENUE V. ELONGATUM	16.1	0.98
FLAGELLATES	66.8	4.03
FRAGILARIA CROTONENSIS	316.5	19.12
FRAGILARIA INTERMEDIA	56.0	3.38
GLOEOCYSTIS PLANCTONICA	8.6	0.52
GOMPHONEMA OLIVACEUM	1.1	0.07
MELOSIRA GRANULATA	14.0	0.85
MELOSIRA ISLANDICA	104.4	6.31
MELOSIRA ITALICA	17.2	1.04
MELOSIRA ITALICA SUBSP. SUBARCTICA	62.4	3.77
NAVICULA GREGARIA	1.1	0.07
NAVICULA MUTICA	1.1	0.07
NAVICULA SP.	2.2	0.13
NITZSCHIA ACICULARIS	3.2	0.20
NITZSCHIA ACUTA	1.1	0.07
NITZSCHIA DISSIPATA	1.1	0.07
NITZSCHIA FRUSTULUM	1.1	0.07
NITZSCHIA IGNORATA	2.2	0.13
NITZSCHIA SP.	2.2	0.13
NITZSCHIA SP. #2	1.1	0.07
RHIZOSOLENIA ERIENSIS	1.1	0.07
RHIZOSOLENIA GRACILIS	7.5	0.46
STEPHANODISCUS ALPINUS	34.5	2.08
STEPHANODISCUS BINDERANUS	128.1	7.74
STEPHANODISCUS HANTZSCHII	10.8	0.65
STEPHANODISCUS MINUTUS	184.1	11.12
STEPHANODISCUS NIAGARAE	3.2	0.20
STEPHANODISCUS SP.	7.5	0.46
STEPHANODISCUS SUBTILIS	34.5	2.08
STEPHANODISCUS TENUIS	235.8	14.24
STEPHANODISCUS TRANSILVANICUS	9.7	0.59
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	6.5	0.39
SYNEDRA FILIFORMIS	26.9	1.63
TABELLARIA FENESTRATA	12.9	0.78
TABELLARIA FENESTRATA V. INTERMEDIA	28.0	1.69
TOTAL	1655.9	100.0

NDC 1-0 NO.OF FORMS = 38 DIVERSITY = 4.08
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	7.4	0.12
ANACYSTIS INCERTA	501.1	8.33
ANKISTRODESMUS ACICULARIS	7.4	0.12
ANKISTRODESMUS FALCATUS	7.4	0.12
ASTERIONELLA FORMOSA	147.4	2.45
BLUE-GREEN UNKNOWN FILAMENT	14.7	0.25
CRYPTOMONAS SP.	81.1	1.35
CYCLOTELLA MENEGHINIANA	7.4	0.12
CYCLOTELLA OCELLATA	29.5	0.49
CYCLOTELLA SP.	36.8	0.61
CYCLOTELLA STELLIGERA	272.7	4.53
DIATOMA TENUE V. ELONGATUM	95.8	1.59
FLAGELLATES	803.2	13.36
FRAGILARIA CAPUCINA	206.3	3.43
FRAGILARIA CROTONENSIS	899.0	14.95
GLENODINIUM SP.	14.7	0.25
GLOEOCYSTIS PLANCTONICA	29.5	0.49
MELOSIRA GRANULATA	29.5	0.49
MELOSIRA ISLANDICA	272.7	4.53
MELOSIRA ITALICA	125.3	2.08
NAVICULA CAPITATA	7.4	0.12
NAVICULA SIMPLEX	7.4	0.12
NITZSCHIA ACICULARIS	7.4	0.12
NITZSCHIA DISSIPATA	22.1	0.37
NITZSCHIA SP. #2	7.4	0.12
OSCILLATORIA LIMNETICA	7.4	0.12
RHIZOSOLENIA GRACILIS	51.6	0.86
SCENEDESMUS SP.	14.7	0.25
STEPHANODISCUS ALPINUS	235.8	3.92
STEPHANODISCUS ASTRAEA	7.4	0.12
STEPHANODISCUS BINDERANUS	154.8	2.57
STEPHANODISCUS HANTZSCHII	132.6	2.21
STEPHANODISCUS MINUTUS	339.0	5.64
STEPHANODISCUS SP.	324.2	5.39
STEPHANODISCUS SUBTILIS	59.0	0.98
STEPHANODISCUS TENUIS	847.5	14.09
SYNEDRA FILIFORMIS	88.4	1.47
TABELLARIA FENESTRATA V. INTERMEDIA	110.5	1.84
TOTAL	6013.2	100.0

NDC 1-1 NO.OF FORMS = 35 DIVERSITY = 4.12
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANKISTRODESMUS FALCATUS	14.7	0.35
ASTERIONELLA FORMOSA	250.6	5.93
CRUCIGENIA QUADRATA	117.9	2.79
CRYPTOMONAS SP.	22.1	0.52
CYCLOTELLA MICHIGANIANA	7.4	0.17
CYCLOTELLA STELLIGERA	302.1	7.16
DIATOMA TENUE V. ELONGATUM	59.0	1.40
DINOFLAGELLATES	7.4	0.17
EUGLENA SP.	7.4	0.17
FLAGELLATES	736.9	17.45
FRAGILARIA CROTONENSIS	302.1	7.16
FRAGILARIA INTERMEDIA	140.0	3.32
GLENODINIUM SP.	29.5	0.70
GLOEOCYSTIS PLANCTONICA	22.1	0.52
MELOSIRA ISLANDICA	154.8	3.66
MELOSIRA ITALICA	73.7	1.75
NITZSCHIA ACICULARIS	22.1	0.52
NITZSCHIA DISSIPATA	7.4	0.17
NITZSCHIA SPICULOIDES	7.4	0.17
NITZSCHIA SP. #2	7.4	0.17
OSCILLATORIA LIMNETICA	7.4	0.17
OSCILLATORIA SP.	7.4	0.17
RHIZOSOLENIA ERIENSIS	14.7	0.35
RHIZOSOLENIA GRACILIS	51.6	1.22
SCENEDESMUS BICELLULARIS	7.4	0.17
STEPHANODISCUS ALPINUS	117.9	2.79
STEPHANODISCUS BINDERANUS	147.4	3.49
STEPHANODISCUS HANTZSCHII	66.3	1.57
STEPHANODISCUS MINUTUS	235.8	5.58
STEPHANODISCUS SP.	147.4	3.49
STEPHANODISCUS SUBTILIS	66.3	1.57
STEPHANODISCUS TENUIS	648.5	15.36
SYNEDRA FILIFORMIS	199.0	4.71
TABELLARIA FENESTRATA V. INTERMEDIA	176.9	4.19
TABELLARIA FLOCCULOSA	36.8	0.87
TOTAL	4222.5	100.0

NDC 1-2 NO.OF FORMS = 48 DIVERSITY = 4.07
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS	7.4	0.10
ANKISTRODESMUS BRAUNII	7.4	0.10
ANKISTRODESMUS FALCATUS	14.7	0.20
ASTERIONELLA FORMOSA	353.7	4.76
CRYPTOMONAS SP.	73.7	0.99
CYCLOTELLA KUETZINGIANA	7.4	0.10
CYCLOTELLA MICHIGANIANA	7.4	0.10
CYCLOTELLA OCELLATA	22.1	0.30
CYCLOTELLA STELLIGERA	471.6	6.34
DIATOMA TENUE V. ELONGATUM	81.1	1.09
EUGLENA SP.	7.4	0.10
FLAGELLATES	1606.5	21.61
FRAGILARIA CAPUCINA	73.7	0.99
FRAGILARIA CROTONENSIS	891.7	11.99
FRAGILARIA INTERMEDIA	44.2	0.59
GLENODINIUM SP.	14.7	0.20
GLOEOCYSTIS PLANCTONICA	29.5	0.40
GLOEOCYSTIS SP.	280.0	3.77
GYMNODINIUM SP.	7.4	0.10
MELOSIRA ISLANDICA	405.3	5.45
MELOSIRA ITALICA	199.0	2.68
MOUGEOTIA SP.	7.4	0.10
NAVICULA SIMPLEX	7.4	0.10
NITZSCHIA ACICULARIS	51.6	0.69
NITZSCHIA CONFINIS	7.4	0.10
NITZSCHIA KUETZINGIANA	7.4	0.10
NITZSCHIA SP. #2	14.7	0.20
OSCILLATORIA LIMNETICA	36.8	0.50
OSCILLATORIA SP.	14.7	0.20
RHIZOSOLENIA GRACILIS	51.6	0.69
SCENEDESMUS BICELLULARIS	44.2	0.59
STEPHANODISCUS ALPINUS	176.9	2.38
STEPHANODISCUS ASTRAEA	14.7	0.20
STEPHANODISCUS BINDERANUS	140.0	1.88
STEPHANODISCUS HANTZSCHII	103.2	1.39
STEPHANODISCUS MINUTUS	353.7	4.76
STEPHANODISCUS SP.	280.0	3.77
STEPHANODISCUS SUBTILIS	36.8	0.50
STEPHANODISCUS TENUIS	950.6	12.79
STEPHANODISCUS TRANSILVANICUS	7.4	0.10
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	29.5	0.40
SYNEDRA FILIFORMIS	140.0	1.88
SYNEDRA MINUSCULA	7.4	0.10
SYNEDRA OSTENFELDII	7.4	0.10
SYNEDRA SP.	7.4	0.10
SYNEDRA TENERA	7.4	0.10
TABELLARIA FENESTRATA V. INTERMEDIA	265.3	3.57
TABELLARIA FLOCCULOSA	59.0	0.79
TOTAL	7435.4	100.0

NDC 2-0 NO.OF FORMS = 37 DIVERSITY = 4.11
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.1	0.15
ANKISTRODESMUS FRACTUS	1.1	0.15
ANKISTRODESMUS SETIGERUS	1.1	0.15
ASTERIONELLA FORMOSA	35.5	4.95
CRYPTOMONAS SP.	1.1	0.15
CYCLOTELLA ATOMUS	1.1	0.15
CYCLOTELLA KUETZINGIANA	2.2	0.30
CYCLOTELLA MICHIGANIANA	6.5	0.90
CYCLOTELLA OCELLATA	8.6	1.20
CYCLOTELLA STELLIGERA	23.7	3.30
DIATOMA TENUE V. ELONGATUM	14.0	1.95
FLAGELLATES	42.0	5.85
FRAGILARIA CROTONENSIS	40.9	5.70
FRAGILARIA INTERMEDIA	93.7	13.04
GLOEOCYSTIS PLANCTONICA	15.1	2.10
MELOSIRA GRANULATA	24.8	3.45
MELOSIRA ISLANDICA	33.4	4.65
MELOSIRA ITALICA SUBSP. SUBARCTICA	38.8	5.40
NAVICULA GREGARIA	1.1	0.15
NAVICULA SP.	1.1	0.15
NITZSCHIA ACICULARIS	4.3	0.60
NITZSCHIA BACATA	1.1	0.15
NITZSCHIA SP.	2.2	0.30
NITZSCHIA SP. #1	1.1	0.15
NITZSCHIA SP. #2	2.2	0.30
RHIZOSOLENIA GRACILIS	16.1	2.25
STEPHANODISCUS ALPINUS	11.8	1.65
STEPHANODISCUS BINDERANUS	29.1	4.05
STEPHANODISCUS MINUTUS	66.8	9.30
STEPHANODISCUS SUBTILIS	6.5	0.90
STEPHANODISCUS TENUIS	127.0	17.69
STEPHANODISCUS TRANSILVANICUS	1.1	0.15
SYNEDRA ACUS	1.1	0.15
SYNEDRA FILIFORMIS	22.6	3.15
SYNEDRA ULNA	1.1	0.15
TABELLARIA FENESTRATA V. INTERMEDIA	36.6	5.10
ULOTHRIX SP.	1.1	0.15
TOTAL	718.1	100.0

NDC 2-1 NO.OF FORMS = 50 DIVERSITY = 4.06
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANKISTRODESMUS SP. #3	3.7	0.07
ASTERIONELLA FORMOSA	276.3	5.30
BLUE-GREEN UNKNOWN FILAMENT	11.1	0.21
CRYPTOMONAS SP.	25.8	0.49
CYCLOTELLA CRYPTICA	3.7	0.07
CYCLOTELLA MENEGHINIANA	7.4	0.14
CYCLOTELLA MICHIGANIANA	3.7	0.07
CYCLOTELLA OCELLATA	29.5	0.57
CYCLOTELLA STELLIGERA	442.2	8.48
DACTYLOCOCCOPSIS SP.	3.7	0.07
DIATOMA TENUE V. ELONGATUM	158.4	3.04
DINOBRYON DIVERGENS	25.8	0.49
FLAGELLATES	608.0	11.66
FRAGILARIA CAPUCINA	3.7	0.07
FRAGILARIA CROTONENSIS	696.4	13.36
FRAGILARIA INTERMEDIA	55.3	1.06
GLOEOCYSTIS PLANCTONICA	22.1	0.42
GLOEOCYSTIS SP.	22.1	0.42
MELOSIRA ISLANDICA	324.2	6.22
MELOSIRA ITALICA	162.1	3.11
NAVICULA DECUSSIS	3.7	0.07
NAVICULA RADIOSA V. TENELLA	3.7	0.07
NITZSCHIA ACICULARIS	11.1	0.21
NITZSCHIA BACATA	3.7	0.07
NITZSCHIA BULNHEIMIANA	3.7	0.07
NITZSCHIA DISSIPATA	3.7	0.07
NITZSCHIA FRUSTULUM	3.7	0.07
NITZSCHIA SPICULOIDES	3.7	0.07
NITZSCHIA SP.	7.4	0.14
OSCILLATORIA LIMNETICA	7.4	0.14
RHIZOSOLENIA ERIENSIS	3.7	0.07
RHIZOSOLENIA GRACILIS	14.7	0.28
STEPHANODISCUS ALPINUS	228.4	4.38
STEPHANODISCUS BINDERANUS	88.4	1.70
STEPHANODISCUS HANTZSCHII	11.1	0.21
STEPHANODISCUS MINUTUS	537.9	10.32
STEPHANODISCUS NIAGARAE	7.4	0.14
STEPHANODISCUS SP.	36.8	0.71
STEPHANODISCUS SUBTILIS	217.4	4.17
STEPHANODISCUS TENUIS	633.7	12.16
STEPHANODISCUS TRANSILVANICUS	7.4	0.14
SURIRELLA ANGUSTA	3.7	0.07
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.07
SYNEDRA FILIFORMIS	151.1	2.90
SYNEDRA MINUSCULA	3.7	0.07
SYNEDRA OSTENFELDII	7.4	0.14
SYNEDRA TENERA	3.7	0.07
SYNEDRA ULNA V. CHASEANA	3.7	0.07
TABELLARIA FLOCCULOSA	254.2	4.88
THALASSIOSIRA PSEUDONANA	59.0	1.13
TOTAL	5213.7	100.0

NDC 2-3 NO.OF FORMS = 42 DIVERSITY = 3.95
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES #17	3.7	0.17
ACHNANTHES LANCEOLATA V. DUBIA	3.7	0.17
AMPHORA OVALIS V. PEDICULUS	7.4	0.33
ASTERIONELLA FORMOSA	136.3	6.13
BLUE-GREEN UNKNOWN CELLS	33.2	1.49
CRYPTOMONAS SP.	25.8	1.16
CYCLOTELLA MICHIGANIANA	14.7	0.66
CYCLOTELLA OCELLATA	11.1	0.50
CYCLOTELLA OPERCULATA	3.7	0.17
CYCLOTELLA STELLIGERA	129.0	5.79
DIATOMA TENUE V. ELONGATUM	18.4	0.83
FLAGELLATES	456.9	20.53
FRAGILARIA CAPUCINA	7.4	0.33
FRAGILARIA CROTONENSIS	224.8	10.10
FRAGILARIA INTERMEDIA	11.1	0.50
GREEN COCCOID, UNKNOWN	14.7	0.66
MELOSIRA ISLANDICA	55.3	2.48
MELOSIRA ITALICA	154.8	6.95
NAVICULA CRYPTOCEPHALA	3.7	0.17
NAVICULA GOTTLANDICA	3.7	0.17
NAVICULA MENISCULUS	3.7	0.17
NAVICULA SIMPLEX	3.7	0.17
NITZSCHIA ACICULARIS	3.7	0.17
NITZSCHIA DISSIPATA	3.7	0.17
NITZSCHIA SPICULOIDES	3.7	0.17
NITZSCHIA SP.	3.7	0.17
NITZSCHIA SP. #2	18.4	0.83
RHIZOSOLENIA ERIENSIS	3.7	0.17
RHIZOSOLENIA GRACILIS	3.7	0.17
SCENEDESMUS BICELLULARIS	7.4	0.33
STEPHANODISCUS ALPINUS	88.4	3.97
STEPHANODISCUS BINDERANUS	14.7	0.66
STEPHANODISCUS HANTZSCHII	25.8	1.16
STEPHANODISCUS MINUTUS	246.9	11.09
STEPHANODISCUS SUBTILIS	47.9	2.15
STEPHANODISCUS TENUIS	280.0	12.58
STEPHANODISCUS TRANSILVANICUS	3.7	0.17
SURIRELLA OVATA	3.7	0.17
SYNEDRA ACUS	3.7	0.17
SYNEDRA FILIFORMIS	77.4	3.48
TABELLARIA FENESTRATA V. INTERMEDIA	36.8	1.66
THALASSIOSIRA PSEUDONANA	22.1	0.99
TOTAL	2225.5	100.0

NDC 4-0 NO.OF FORMS = 33 DIVERSITY = 3.69
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LAUENBURGIANA	1.1	0.15
ASTERIONELLA FORMOSA	17.2	2.35
CRYPTOMONAS SP.	1.1	0.15
CYCLOTELLA ATOMUS	2.2	0.29
CYCLOTELLA KUETZINGIANA	5.4	0.73
CYCLOTELLA MICHIGANIANA	5.4	0.73
CYCLOTELLA OCELLATA	4.3	0.59
CYCLOTELLA STELLIGERA	28.0	3.81
CYMATOPLEURA SOLEA	1.1	0.15
DIATOMA TENUE V. ELONGATUM	23.7	3.23
FLAGELLATES	10.8	1.47
FRAGILARIA CROTONENSIS	51.7	7.04
FRAGILARIA INTERMEDIA	28.0	3.81
GLOEOCYSTIS PLANCTONICA	6.5	0.88
MELOSIRA GRANULATA	20.5	2.79
MELOSIRA ISLANDICA	57.1	7.77
MELOSIRA ITALICA SUBSP. SUBARCTICA	22.6	3.08
MERIDION CIRCULARE	1.1	0.15
NAVICULA MENISCULUS V. UPSALIENSIS	1.1	0.15
NITZSCHIA ACICULARIS	3.2	0.44
OSCILLATORIA LIMNETICA	2.2	0.29
RHIZOSOLENIA ERIENSIS	2.2	0.29
STEPHANODISCUS ALPINUS	6.5	0.88
STEPHANODISCUS BINDERANUS	36.6	4.99
STEPHANODISCUS HANTZSCHII	4.3	0.59
STEPHANODISCUS MINUTUS	165.8	22.58
STEPHANODISCUS SP.	3.2	0.44
STEPHANODISCUS SUBTILIS	4.3	0.59
STEPHANODISCUS TENUIS	168.0	22.87
STEPHANODISCUS TRANSILVANICUS	1.1	0.15
SYNEDRA FILIFORMIS	28.0	3.81
SYNEDRA ULNA	1.1	0.15
TABELLARIA FENESTRATA V. INTERMEDIA	19.4	2.64
TOTAL	734.3	100.0

NDC 4-1 NO.OF FORMS = 36 DIVERSITY = 4.20
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES MINUTISSIMA	3.7	0.21
ASTERIONELLA FORMOSA	81.1	4.71
COCCONEIS DIMINUTA	3.7	0.21
CRYPTOMONAS SP.	22.1	1.28
CYCLOTELLA KUETZINGIANA	7.4	0.43
CYCLOTELLA MICHIGANIANA	3.7	0.21
CYCLOTELLA OCELLATA	3.7	0.21
CYCLOTELLA PLANKTONICA	3.7	0.21
CYCLOTELLA STELLIGERA	81.1	4.71
DIATOMA TENUE V. ELONGATUM	3.7	0.21
FLAGELLATES	254.2	14.78
FRAGILARIA CAPUCINA	7.4	0.43
FRAGILARIA CROTONENSIS	81.1	4.71
FRAGILARIA INTERMEDIA	70.0	4.07
GLOEOCYSTIS PLANCTONICA	22.1	1.28
MELOSIRA ISLANDICA	66.3	3.85
MELOSIRA ITALICA	99.5	5.78
NAVICULA CAPITATA V. HUNGARICA	3.7	0.21
NITZSCHIA ACICULARIS	3.7	0.21
NITZSCHIA DISSIPATA	3.7	0.21
NITZSCHIA SP. #2	7.4	0.43
RHIZOSOLENIA ERIENSIS	3.7	0.21
RHIZOSOLENIA GRACILIS	3.7	0.21
SCENEDESMUS BICELLULARIS	7.4	0.43
STEPHANODISCUS ALPINUS	51.6	3.00
STEPHANODISCUS BINDERANUS	110.5	6.42
STEPHANODISCUS HANTZSCHII	40.5	2.36
STEPHANODISCUS MINUTUS	173.2	10.06
STEPHANODISCUS SP.	44.2	2.57
STEPHANODISCUS SUBTILIS	95.8	5.57
STEPHANODISCUS TENUIS	210.0	12.21
STEPHANODISCUS TRANSILVANICUS	11.1	0.64
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.21
SYNEDRA FILIFORMIS	84.7	4.93
TABELLARIA FENESTRATA V. INTERMEDIA	22.1	1.28
THALASSIOSIRA PSEUDONANA	25.8	1.50
TOTAL	1720.7	100.0

NDC 4-3 NO.OF FORMS = 43 DIVERSITY = 3.95
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS THERMALIS	29.5	1.36
ANKISTRODESMUS SP. #3	7.4	0.34
ANKISTRODESMUS SP. #4	18.4	0.85
ANCMOEONEIS SP.#2	3.7	0.17
ASTERIONELLA FORMOSA	73.7	3.40
BLUE-GREEN UNKNOWN FILAMENT	3.7	0.17
CRYPTOMONAS SP.	33.2	1.53
CYCLOTELLA KUETZINGIANA V PLANETOPHORA	3.7	0.17
CYCLOTELLA KUETZINGIANA	3.7	0.17
CYCLOTELLA MENEGHINIANA	3.7	0.17
CYCLOTELLA MICHIGANIANA	7.4	0.34
CYCLOTELLA OCELLATA	14.7	0.68
CYCLOTELLA STELLIGERA	184.2	8.50
DIATOMA EHRENBERGII	3.7	0.17
DIATOMA TENUE V. ELONGATUM	7.4	0.34
DINOBRYON DIVERGENS	33.2	1.53
FLAGELLATES	596.9	27.55
FRAGILARIA CROTONENSIS	36.8	1.70
GLOEOCYSTIS PLANCTONICA	14.7	0.68
GREEN FILAMENT, UNKNOWN	3.7	0.17
MELOSIRA ISLANDICA	99.5	4.59
MELOSIRA ITALICA	143.7	6.63
NITZSCHIA ACICULARIS	7.4	0.34
NITZSCHIA BACATA	3.7	0.17
NITZSCHIA CONFINIS	7.4	0.34
NITZSCHIA FRUSTULUM	3.7	0.17
NITZSCHIA SP.	7.4	0.34
NITZSCHIA SP. #1	3.7	0.17
NITZSCHIA SP. #2	7.4	0.34
RHIZOSOLENIA GRACILIS	14.7	0.68
SCENEDESMUS BICELLULARIS	7.4	0.34
STEPHANODISCUS ALPINUS	77.4	3.57
STEPHANODISCUS BINDERANUS	14.7	0.68
STEPHANODISCUS MINUTUS	169.5	7.82
STEPHANODISCUS SP.	29.5	1.36
STEPHANODISCUS SUBTILIS	29.5	1.36
STEPHANODISCUS TENUIS	176.9	8.16
STEPHANODISCUS TRANSILVANICUS	3.7	0.17
SYNEDRA FILIFORMIS	77.4	3.57
SYNEDRA OSTENFELDII	3.7	0.17
SYNEDRA SP.	3.7	0.17
TABELLARIA FLOCCULOSA	165.8	7.65
THALASSIOSIRA PSEUDONANA	25.8	1.19
TOTAL	2166.5	100.0

NDC 4-4 NO.OF FORMS = 40 DIVERSITY = 4.31
COUNTED BY: D.P.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	53.4	5.02
BLUE-GREEN UNKNOWN FILAMENT	1.8	0.17
CRYPTOMONAS SP.	7.4	0.69
CYCLOTELLA KUETZINGIANA V PLANETOPHORA	7.4	0.69
CYCLOTELLA MICHIGANIANA	5.5	0.52
CYCLOTELLA OCELLATA	20.3	1.90
CYCLOTELLA STELLIGERA	143.7	13.49
DIATOMA TENUE V. ELONGATUM	9.2	0.87
DINOBRYON DIVERGENS	3.7	0.35
FLAGELLATES	108.7	10.21
FRAGILARIA CAPUCINA	29.5	2.77
FRAGILARIA CROTONENSIS	66.3	6.23
FRAGILARIA INTERMEDIA	3.7	0.35
GLOEOCYSTIS PLANCTONICA	14.7	1.38
MELOSIRA GRANULATA	62.6	5.88
MELOSIRA ISLANDICA	5.5	0.52
MELOSIRA ITALICA	3.7	0.35
NAVICULA SCHMASSMANNII	1.8	0.17
NITZSCHIA ACICULARIS	9.2	0.87
NITZSCHIA EACATA	5.5	0.52
NITZSCHIA DISSIPATA	33.2	3.11
NITZSCHIA SP. #2	1.8	0.17
NITZSCHIA SUBLINEARIS	1.8	0.17
RHIZOSOLENIA ERIENSIS	1.8	0.17
RHIZOSOLENIA GRACILIS	18.4	1.73
STEPHANODISCUS ALPINUS	33.2	3.11
STEPHANODISCUS BINDERANUS	9.2	0.87
STEPHANODISCUS HANTZSCHII	3.7	0.35
STEPHANODISCUS MINUTUS	95.8	9.00
STEPHANODISCUS SP.	11.1	1.04
STEPHANODISCUS SUBTILIS	12.9	1.21
STEPHANODISCUS TENUIS	53.4	5.02
STEPHANODISCUS TRANSILVANICUS	3.7	0.35
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	5.5	0.52
SYNEDRA FILIFORMIS	116.1	10.90
SYNEDRA OSTENFELDII	7.4	0.69
SYNEDRA TENERA	3.7	0.35
SYNEDRA ULNA V. CHASEANA	1.8	0.17
TABELLARIA FLOCCULOSA	68.2	6.40
THALASSIOSIRA PSEUDONANA	18.4	1.73
TOTAL	1064.8	100.0

NDC 7-1 NO.OF FORMS = 36 DIVERSITY = 3.95
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	64.6	6.59
CRYPTOMONAS SP.	2.2	0.22
CYCLOTELLA ATOMUS	2.2	0.22
CYCLOTELLA KUETZINGIANA	5.4	0.55
CYCLOTELLA MICHIGANIANA	7.5	0.77
CYCLOTELLA OCELLATA	5.4	0.55
CYCLOTELLA STELLIGERA	10.8	1.10
DIATOMA TENUE V. ELONGATUM	28.0	2.85
FLAGELLATES	10.8	1.10
FRAGILARIA CROTONENSIS	136.7	13.94
FRAGILARIA CROTONENSIS V. OREGONA	1.1	0.11
FRAGILARIA INTERMEDIA	74.3	7.57
FRAGILARIA INTERMEDIA V. FALLAX	43.1	4.39
GLOEOCYSTIS PLANCTONICA	6.5	0.66
GOMPHONEMA OLIVACEUM	3.2	0.33
MELOSIRA GRANULATA	18.3	1.87
MELOSIRA ISLANDICA	123.8	12.62
MELOSIRA ITALICA SUBSP. SUBARCTICA	26.9	2.74
NAVICULA CRYPTOCEPHALA V. INTERMEDIA	1.1	0.11
NITZSCHIA ACICULARIS	5.4	0.55
NITZSCHIA CONFINIS	2.2	0.22
NITZSCHIA FONTICOLOIDES	1.1	0.11
NITZSCHIA PALEA	2.2	0.22
NITZSCHIA SP.	2.2	0.22
NITZSCHIA SP. #1	1.1	0.11
NITZSCHIA SP. #2	2.2	0.22
RHIZOSOLENIA GRACILIS	6.5	0.66
STEPHANODISCUS ALPINUS	4.3	0.44
STEPHANODISCUS BINDERANUS	36.6	3.73
STEPHANODISCUS MINUTUS	79.7	8.12
STEPHANODISCUS SUBTILIS	4.3	0.44
STEPHANODISCUS TENUIS	110.9	11.31
STEPHANODISCUS TRANSILVANICUS	4.3	0.44
SYNEDRA ACUS	2.2	0.22
SYNEDRA FILIFORMIS	18.3	1.87
TABELLARIA FENESTRATA V. INTERMEDIA	126.0	12.84
TOTAL	980.8	100.0

NDC 7-3 NO.OF FORMS = 39 DIVERSITY = 3.99
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES EXIGUA	7.4	0.17
ANKISTRODESMUS FALCATUS	14.7	0.35
ASTERIONELLA FORMOSA	51.6	1.22
CRUCIGENIA QUADRATA	29.5	0.69
CRYPTOMONAS SP.	36.8	0.87
CYCLOTELLA KUETZINGIANA	7.4	0.17
CYCLOTELLA OCELLATA	22.1	0.52
CYCLOTELLA STELLIGERA	272.7	6.42
CYMBELLA LATENS	7.4	0.17
DIATOMA EHRENBERGII	7.4	0.17
DIATOMA TENUE V. ELONGATUM	29.5	0.69
FLAGELLATES	1046.4	24.65
FRAGILARIA CROTONENSIS	73.7	1.74
FRAGILARIA INTERMEDIA	501.1	11.81
GLENODINIUM SP.	66.3	1.56
GLOBOCYSTIS SP.	36.8	0.87
MELOSIRA GRANULATA	14.7	0.35
MELOSIRA ISLANDICA	154.8	3.65
MELOSIRA ITALICA	206.3	4.86
NAVICULA RADIOSA V. TENELLA	7.4	0.17
NITZSCHIA ACICULARIS	22.1	0.52
NITZSCHIA ACUTA	7.4	0.17
NITZSCHIA CONFINIS	7.4	0.17
NITZSCHIA DISSIPATA	7.4	0.17
NITZSCHIA SP. #2	14.7	0.35
OSCILLATORIA LIMNETICA	29.5	0.69
OSCILLATORIA SP.	7.4	0.17
RHIZOSOLENIA GRACILIS	44.2	1.04
SCENEDESMUS BICELLULARIS	88.4	2.08
STEPHANODISCUS ALPINUS	132.6	3.13
STEPHANODISCUS BINDERANUS	66.3	1.56
STEPHANODISCUS HANTZSCHII	59.0	1.39
STEPHANODISCUS MINUTUS	361.1	8.51
STEPHANODISCUS SP.	132.6	3.13
STEPHANODISCUS SUBTILIS	14.7	0.35
STEPHANODISCUS TENUIS	420.0	9.90
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.17
SYNEDRA FILIFORMIS	125.3	2.95
TABELLARIA FENESTRATA V. INTERMEDIA	103.2	2.43
TOTAL	4244.6	100.0

NDC 7-5 NO.OF FORMS = 37 DIVERSITY = 3.96
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA SP.	3.7	0.19
ASTERIONELLA FORMOSA	7.4	0.38
CRYPTOMONAS SP.	33.2	1.73
CYCLOTELLA KUETZINGIANA	3.7	0.19
CYCLOTELLA MENEGHINIANA	3.7	0.19
CYCLOTELLA MICHIGANIANA	18.4	0.96
CYCLOTELLA OCELLATA	22.1	1.15
CYCLOTELLA OPERCULATA	3.7	0.19
CYCLOTELLA STELLIGERA	206.3	10.75
DIATOMA EHRENBERGII	3.7	0.19
DIATOMA TENUE V. ELONGATUM	22.1	1.15
DINOBRYON DIVERGENS	7.4	0.38
FLAGELLATES	405.3	21.11
FRAGILARIA CROTONENSIS	47.9	2.50
FRAGILARIA INTERMEDIA	36.8	1.92
MELOSIRA GRANULATA	7.4	0.38
MELOSIRA ISLANDICA	110.5	5.76
MELOSIRA ITALICA	73.7	3.84
NITZSCHIA ACICULARIS	11.1	0.58
NITZSCHIA CONFINIS	3.7	0.19
NITZSCHIA DISSIPATA	22.1	1.15
NITZSCHIA KUETZINGIANA	3.7	0.19
NITZSCHIA SP. #2	3.7	0.19
RHIZOSOLENIA ERIENSIS	3.7	0.19
RHIZOSOLENIA GRACILIS	18.4	0.96
STEPHANODISCUS ALPINUS	114.2	5.95
STEPHANODISCUS BINDERANUS	33.2	1.73
STEPHANODISCUS HANTZSCHII	3.7	0.19
STEPHANODISCUS MINUTUS	180.5	9.40
STEPHANODISCUS SP.	14.7	0.77
STEPHANODISCUS SUBTILIS	29.5	1.54
STEPHANODISCUS TENUIS	246.9	12.86
STICHOCOCCUS SCOPULINUS	3.7	0.19
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	11.1	0.58
SYNEDRA FILIFORMIS	70.0	3.65
TABELLARIA FLOCCULOSA	114.2	5.95
THALASSIOSIRA PSEUDONANA	14.7	0.77
TOTAL	1919.7	100.0

SDC.5-0 NO.OF FORMS = 56 DIVERSITY = 4.13

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	81.8	2.97
CRYPTOMONAS SP.	8.6	0.31
CRYPTOPHYCEAN FLAGELLATES	6.5	0.23
CYCLOTELLA ATOMUS	2.2	0.08
CYCLOTELLA KUETZINGIANA	1.1	0.04
CYCLOTELLA MENEGHINIANA V. PLANA	1.1	0.04
CYCLOTELLA MENEGHINIANA	3.2	0.12
CYCLOTELLA MICHIGANIANA	16.1	0.59
CYCLOTELLA OCELLATA	12.9	0.47
CYCLOTELLA STELLIGERA	136.7	4.97
CYMBELLA LATENS	1.1	0.04
DIATOMA TENUE V. ELONGATUM	59.2	2.15
FLAGELLATES	237.9	8.65
FRAGILARIA CAPUCINA	20.5	0.74
FRAGILARIA CROTONENSIS	624.5	22.69
FRAGILARIA INTERMEDIA	110.9	4.03
FRAGILARIA SP.	2.2	0.08
GLOEOCYSTIS PLANCTONICA	48.4	1.76
GLOEOCYSTIS SP.	5.4	0.20
GOMPHONEMA OLIVACEUM	1.1	0.04
GREEN COCCOID, UNKNOWN	9.7	0.35
GREEN FILAMENT, UNKNOWN	1.1	0.04
MELOSIRA GRANULATA	62.4	2.27
MELOSIRA ISLANDICA	157.2	5.71
MELOSIRA ITALICA	52.8	1.92
MERIDION CIRCULARE V. CONSTRICTUM	1.1	0.04
NAVICULA CAPITATA	1.1	0.04
NAVICULA CRYPTOCEPHALA V. INTERMEDIA	1.1	0.04
NAVICULA LANCEOLATA	1.1	0.04
NAVICULA LATENS	1.1	0.04
NAVICULA RADIOSA V. TENELLA	1.1	0.04
NAVICULA SP.	1.1	0.04
NAVICULA TRIPUNCTATA	1.1	0.04
NITZSCHIA #1	1.1	0.04
NITZSCHIA #2	10.8	0.39
NITZSCHIA ACICULARIS	1.1	0.04
NITZSCHIA BACATA	2.2	0.08
NITZSCHIA CONFINIS	3.2	0.12
NITZSCHIA DISSIPATA	2.2	0.08
NITZSCHIA IGNORATA	1.1	0.04
NITZSCHIA RECTA	1.1	0.04
RHIZOSOLENIA GRACILIS	7.5	0.27
STEPHANODISCUS ALPINUS	116.3	4.23
STEPHANODISCUS BINDERANUS	134.6	4.89
STEPHANODISCUS HANTZSCHII	104.4	3.79
STEPHANODISCUS MINUTUS	156.1	5.67
STEPHANODISCUS SUBTILIS	11.8	0.43
STEPHANODISCUS TENUIS	247.8	9.00
STEPHANODISCUS TRANSILVANICUS	3.2	0.12
SYNEDRA ACUS	1.1	0.04
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	12.9	0.47
SYNEDRA DEMERARAE	21.5	0.78
SYNEDRA FILIFORMIS	37.7	1.37
SYNEDRA SP.	3.2	0.12
TABELLARIA FENESTRATA V. INTERMEDIA	168.0	6.10
TABELLARIA FLOCCULOSA	30.1	1.10
TOTAL	2752.0	100.0

SDC.5-1 NO.OF FORMS = 51 DIVERSITY = 4.16

COUNTED BY: J.R.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA V. DUBIA	3.7	0.07
AMPHORA OVALIS	3.7	0.07
ANKISTRODESMUS BRAUNII	7.4	0.14
ASTERIONELLA FORMOSA	184.2	3.54
ASTERIONELLA GRACILLIMA	3.7	0.07
BLUE-GREEN UNKNOWN FILAMENT	3.7	0.07
COELOSPHAERIUM NAEGELIANUM	129.0	2.48
CRYPTOMONAS SP.	44.2	0.85
CYCLOTELLA KUETZINGIANA	3.7	0.07
CYCLOTELLA MICHIGANIANA	3.7	0.07
CYCLOTELLA OCELLATA	11.1	0.21
CYCLOTELLA SP.	3.7	0.07
CYCLOTELLA STELLIGERA	143.7	2.76
DIATOMA TENUE	3.7	0.07
DIATOMA TENUE V. ELONGATUM	77.4	1.49
DINOBRYON DIVERGENS	51.6	0.99
FLAGELLATES	821.7	15.79
FRAGILARIA CAPUCINA	176.9	3.40
FRAGILARIA CROTONENSIS	810.6	15.58
FRAGILARIA INTERMEDIA	14.7	0.28
GLOEOCYSTIS PLANCTONICA	73.7	1.42
GLOEOCYSTIS SP.	14.7	0.28
MELOSIRA ISLANDICA	257.9	4.96
MELOSIRA ITALICA	254.2	4.89
NAVICULA MENISCULUS V. UPSALIENSIS	3.7	0.07
NAVICULA TRIPUNCTATA	3.7	0.07
NITZSCHIA #2	18.4	0.35
NITZSCHIA ACICULARIS	3.7	0.07
NITZSCHIA ACUTA	3.7	0.07
NITZSCHIA BACATA	3.7	0.07
NITZSCHIA DISSIPATA	14.7	0.28
NITZSCHIA PALEA	7.4	0.14
NITZSCHIA SP.	7.4	0.14
OSCILLATORIA LIMNETICA	11.1	0.21
RHIZOSOLENIA ERIENSIS	3.7	0.07
RHIZOSOLENIA GRACILIS	7.4	0.14
STEPHANODISCUS ALPINUS	224.8	4.32
STEPHANODISCUS BINDERANUS	187.9	3.61
STEPHANODISCUS HANTZSCHII	29.5	0.57
STEPHANODISCUS MINUTUS	272.7	5.24
STEPHANODISCUS NIAGARAE	11.1	0.21
STEPHANODISCUS SP.	3.7	0.07
STEPHANODISCUS SUBTILIS	117.9	2.27
STEPHANODISCUS TENUIS	534.3	10.27
STEPHANODISCUS TRANSILVANICUS	14.7	0.28
SYNEDRA DELICATISSIMA	3.7	0.07
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	25.8	0.50
SYNEDRA FILIFORMIS	125.3	2.41
SYNEDRA MINUSCULA	3.7	0.07
TABELLARIA FENESTRATA V. INTERMEDIA	397.9	7.65
THALASSIOSIRA PSEUDONANA	59.0	1.13
TOTAL	5202.6	100.0

SDC.5-2 NO.OF FORMS = 43 DIVERSITY = 4.23
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA SP.	3.7	0.14
ANKISTRODESMUS SP. #3	7.4	0.29
ASTERIONELLA FORMOSA	88.4	3.47
CRYPTOMONAS SP.	18.4	0.72
CYCLOTELLA KUETZINGIANA	3.7	0.14
CYCLOTELLA MICHIGANIANA	11.1	0.43
CYCLOTELLA OCELLATA	7.4	0.29
CYCLOTELLA STELLIGERA	195.3	7.66
DIATOMA TENUE V. ELONGATUM	40.5	1.59
DINOBRYON DIVERGENS	29.5	1.16
FLAGELLATES	302.1	11.85
FRAGILARIA CROTONENSIS	475.3	18.64
FRAGILARIA INTERMEDIA	36.8	1.45
GLOEOCYSTIS PLANCTONICA	84.7	3.32
MELOSIRA ISLANDICA	136.3	5.35
MELOSIRA ITALICA	110.5	4.34
NAVICULA CAPITATA V. HUNGARICA	3.7	0.14
NAVICULA TRIPUNCTATA	3.7	0.14
NITZSCHIA ACICULARIS	3.7	0.14
NITZSCHIA DISSIPATA	3.7	0.14
NITZSCHIA FRUSTULUM	3.7	0.14
NITZSCHIA PALEA	3.7	0.14
NITZSCHIA SP. #1	3.7	0.14
NITZSCHIA SP. #2	18.4	0.72
RHIZOSOLENIA ERIENSIS	3.7	0.14
RHIZOSOLENIA GRACILIS	3.7	0.14
SCENEDESMUS DIMORPHUS	29.5	1.16
STEPHANODISCUS ALPINUS	55.3	2.17
STEPHANODISCUS ASTRAEA	3.7	0.14
STEPHANODISCUS BINDERANUS	40.5	1.59
STEPHANODISCUS HANTZSCHII	51.6	2.02
STEPHANODISCUS MINUTUS	195.3	7.66
STEPHANODISCUS SP.	3.7	0.14
STEPHANODISCUS SUBTILIS	103.2	4.05
STEPHANODISCUS TENUIS	132.6	5.20
STEPHANODISCUS TRANSILVANICUS	18.4	0.72
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	18.4	0.72
SYNEDRA DEMERARAE	3.7	0.14
SYNEDRA FILIFORMIS	117.9	4.62
SYNEDRA OSTENFELDII	3.7	0.14
SYNEDRA RUMPENS V. MENEGHINIANA	3.7	0.14
TABELLARIA FENESTRATA V. INTERMEDIA	117.9	4.62
THALASSIOSIRA PSEUDONANA	47.9	1.88
TOTAL	2549.7	100.0

SDC 1-0 NO.OF FORMS = 60 DIVERSITY = 4.12
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. PEDICULUS	3.7	0.07
ASTERIONELLA FORMOSA	132.6	2.39
BLUE-GREEN UNKNOWN COLONY	110.5	1.99
CRYPTOMONAS SP.	29.5	0.53
CRYPTOPHYCEAN FLAGELLATES	117.9	2.12
CYCLOTELLA MICHIGANIANA	14.7	0.27
CYCLOTELLA OCELLATA	7.4	0.13
CYCLOTELLA OPERCULATA	3.7	0.07
CYCLOTELLA SP.	7.4	0.13
CYCLOTELLA STELLIGERA	302.1	5.44
CYMATOPLEURA SOLEA	3.7	0.07
DACTYLOCCCCOPSIS SP.	3.7	0.07
DIATOMA TENUE	7.4	0.13
DIATOMA TENUE V. ELONGATUM	95.8	1.72
DINOBRYON DIVERGENS	7.4	0.13
FLAGELLATES	184.2	3.32
FRAGILARIA CAPUCINA	88.4	1.59
FRAGILARIA CROTONENSIS	755.3	13.59
FRAGILARIA INTERMEDIA	103.2	1.86
GLENODINIUM SP.	3.7	0.07
GLOEOCYSTIS PLANCTONICA	44.2	0.80
GLOEOCYSTIS SP.	95.8	1.72
GOMPHONEMA OLIVACEUM	3.7	0.07
GREEN COCCCID, UNKNOWN	29.5	0.53
MELOSIRA GRANULATA	7.4	0.13
MELOSIRA ISLANDICA	213.7	3.85
MELOSIRA ITALICA	213.7	3.85
MERIDION CIRCULARE	3.7	0.07
NAVICULA #19	3.7	0.07
NAVICULA CRYPTOCEPHALCIDES	7.4	0.13
NAVICULA MENISCULUS	3.7	0.07
NAVICULA SP.	7.4	0.13
NAVICULA TRIPUNCTATA	3.7	0.07
NITZSCHIA #15	3.7	0.07
NITZSCHIA ACUTA	3.7	0.07
NITZSCHIA EACATA	3.7	0.07
NITZSCHIA CONFINIS	7.4	0.13
NITZSCHIA DISSIPATA	7.4	0.13
NITZSCHIA PALEACEA	3.7	0.07
NITZSCHIA SP.	3.7	0.07
NITZSCHIA SP. #2	7.4	0.13
OSCILLATORIA LIMNETICA	14.7	0.27
RHIZOSOLENIA GRACILIS	7.4	0.13
SCENEDESMUS SP.	7.4	0.13
STEPHANODISCUS ALPINUS	269.0	4.84
STEPHANODISCUS BINDERANUS	125.3	2.25
STEPHANODISCUS HANTZSCHII	3.7	0.07
STEPHANODISCUS MINUTUS	703.8	12.67
STEPHANODISCUS SP.	11.1	0.20
STEPHANODISCUS SUBTILIS	117.9	2.12
STEPHANODISCUS TENUIS	1190.1	21.42
STEPHANODISCUS TRANSILVANICUS	3.7	0.07
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.7	0.07
SYNEDRA FILIFORMIS	232.1	4.18
SYNEDRA OSTENFELDII	3.7	0.07
SYNEDRA SP.	18.4	0.33
SYNEDRA TENERA	3.7	0.07
SYNEDRA VAUCHERIAE V. TRUNCATA	3.7	0.07
TABELLARIA FLOCCULOSA	121.6	2.19
THALASSIOSIRA PSEUDONANA	55.3	0.99
TOTAL	5556.3	100.0

SDC 1-1 NO.OF FORMS = 45 DIVERSITY = 4.12
COUNTED BY: D.P.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	7.4	0.15
ANACYSTIS INCERTA	228.4	4.75
ANKISTRODESMUS FALCATUS	7.4	0.15
ANKISTRODESMUS SP.	7.4	0.15
ASTERIONELLA FORMOSA	125.3	2.60
CRYPTOMONAS SP.	44.2	0.92
CYCLOTELLA CRYPTICA	7.4	0.15
CYCLOTELLA MICHIGANIANA	7.4	0.15
CYCLOTELLA OCELLATA	22.1	0.46
CYCLOTELLA STELLIGERA	353.7	7.35
DACTYLOCCCCOPSIS RHAPHILIOIDES	7.4	0.15
DIATOMA TENUE V. ELONGATUM	88.4	1.84
DINOFLAGELLATES	29.5	0.61
EUGLENA SP.	7.4	0.15
FLAGELLATES	1171.7	24.35
FRAGILARIA CAPUCINA	14.7	0.31
FRAGILARIA CROTONENSIS	228.4	4.75
GLENODINIUM SP.	7.4	0.15
KIRCHNERIELLA SP.	7.4	0.15
MELOSIRA GRANULATA	29.5	0.61
MELOSIRA ISLANDICA	221.1	4.59
MELOSIRA ITALICA	154.8	3.22
NAVICULA DILUVIANA	7.4	0.15
NAVICULA RADIOSA V. TENELLA	7.4	0.15
NITZSCHIA ACICULARIS	29.5	0.61
NITZSCHIA DISSIPATA	7.4	0.15
NITZSCHIA PALEA	7.4	0.15
NITZSCHIA SP. #2	7.4	0.15
OSCILLATORIA LIMNETICA	36.8	0.77
RHIZOSOLENIA GRACILIS	51.6	1.07
SCENEDESMUS BICELLULARIS	44.2	0.92
SCENEDESMUS SP.	14.7	0.31
STEPHANODISCUS ALPINUS	88.4	1.84
STEPHANODISCUS ASTRAEA	14.7	0.31
STEPHANODISCUS BINDERANUS	140.0	2.91
STEPHANODISCUS HANTZSCHII	199.0	4.13
STEPHANODISCUS MINUTUS	287.4	5.97
STEPHANODISCUS SP.	110.5	2.30
STEPHANODISCUS SUBTILIS	44.2	0.92
STEPHANODISCUS TENUIS	567.4	11.79
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.15
SYNEDRA FILIFORMIS	176.9	3.68
SYNEDRA SP.	7.4	0.15
SYNEDRA ULNA V. CHASEANA	7.4	0.15
TABELLARIA FENESTRATA V. INTERMEDIA	169.5	3.52
TOTAL	4812.1	100.0

SDC 1-2 NO.OF FORMS = 45 DIVERSITY = 4.19
COUNTED BY: S.K.
METHOD: SETILE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	40.9	2.70
CRYPTOMONAS SP.	2.2	0.14
CYCLOTELLA ATOMUS	1.1	0.07
CYCLOTELLA KUETZINGIANA	4.3	0.28
CYCLOTELLA MICHIGANIANA	21.5	1.42
CYCLOTELLA OCELLATA	11.8	0.78
CYCLOTELLA STELLIGERA	52.8	3.49
DIATOMA TENUE V. ELONGATUM	12.9	0.85
FLAGELLATES	120.6	7.97
FRAGILARIA CAPUCINA	1.1	0.07
FRAGILARIA CROTONENSIS	284.2	18.78
FRAGILARIA INTERMEDIA	76.4	5.05
FRAGILARIA INTERMEDIA V. FALLAX	21.5	1.42
GLOEOCYSTIS PLANCTONICA	39.8	2.63
GLOEOCYSTIS SP.	25.8	1.71
GOMPHONEMA CLIVACEUM	1.1	0.07
GOMPHONEMA SP.	1.1	0.07
GREEN FILAMENT, UNKNOWN	14.0	0.92
MELOSIRA GRANULATA	76.4	5.05
MELOSIRA ISLANDICA	107.7	7.11
MELOSIRA ITALICA SUBSP. SUBARCTICA	22.6	1.49
MELOSIRA ITALICA V. ANGUSTISSIMA	3.2	0.21
NAVICULA SIMPLEX	2.2	0.14
NAVICULA SP.	1.1	0.07
NITZSCHIA ACICULARIS	4.3	0.28
NITZSCHIA CONFINIS	1.1	0.07
NITZSCHIA DISSIPATA	2.2	0.14
NITZSCHIA PALEA	1.1	0.07
NITZSCHIA SP. #2	8.6	0.57
OSCILLATORIA SP.	1.1	0.07
RHIZOSOLENIA GRACILIS	7.5	0.50
STEPHANODISCUS ALPINUS	34.5	2.28
STEPHANODISCUS BINDERANUS	122.7	8.11
STEPHANODISCUS HANTZSCHII	5.4	0.36
STEPHANODISCUS MINUTUS	98.0	6.47
STEPHANODISCUS SP.	1.1	0.07
STEPHANODISCUS SUBTILIS	4.3	0.28
STEPHANODISCUS TENUIS	142.1	9.39
STEPHANODISCUS TRANSILVANICUS	16.1	1.07
SURIRELLA ANGUSTA	1.1	0.07
SURIRELLA OVATA	1.1	0.07
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	3.2	0.21
SYNEDRA FILIFORMIS	33.4	2.20
SYNEDRA ULNA	1.1	0.07
TABELLARIA FENESTRATA V. INTERMEDIA	77.5	5.12
TOTAL	1513.8	100.0

SDC 2-0 NO.OF FORMS = 46 DIVERSITY = 4.18
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	55.3	1.58
CRYPTOMONAS SP.	44.2	1.26
CYCLOTELLA KUETZINGIANA	3.7	0.11
CYCLOTELLA MICHIGANIANA	14.7	0.42
CYCLOTELLA OCELLATA	14.7	0.42
CYCLOTELLA STELLIGERA	165.8	4.74
DACTYLOCOCCOPSIS SP.	3.7	0.11
DIATOMA TENUE V. ELONGATUM	103.2	2.95
DINOBRYON DIVERGENS	18.4	0.53
FLAGELLATES	405.3	11.59
FRAGILARIA CAPUCINA	73.7	2.11
FRAGILARIA CROTONENSIS	327.9	9.38
FRAGILARIA INTERMEDIA	55.3	1.58
GLOEOCYSTIS PLANCTONICA	29.5	0.84
GREEN COCCOID, UNKNOWN	36.8	1.05
MELOSIRA ISLANDICA	206.3	5.90
MELOSIRA ITALICA	125.3	3.58
MERIDION CIRCULARE	3.7	0.11
NAVICULA #19	3.7	0.11
NAVICULA CAPITATA	3.7	0.11
NAVICULA DECUSSIS	3.7	0.11
NAVICULA HAMBERGII	3.7	0.11
NAVICULA LANCEOLATA	3.7	0.11
NAVICULA SIMPLEX	7.4	0.21
NITZSCHIA CONFINIS	7.4	0.21
NITZSCHIA DISSIPATA	7.4	0.21
NITZSCHIA FRUSTULUM	7.4	0.21
NITZSCHIA SPICULOIDES	3.7	0.11
NITZSCHIA SP. #2	3.7	0.11
OSCILLATORIA LIMNETICA	3.7	0.11
RHIZOSOLENIA GRACILIS	3.7	0.11
SCENEDESMUS BICELLULARIS	7.4	0.21
SCENEDESMUS SP.	11.1	0.32
STEPHANODISCUS ALPINUS	173.2	4.95
STEPHANODISCUS BINDERANUS	77.4	2.21
STEPHANODISCUS HANTZSCHII	33.2	0.95
STEPHANODISCUS MINUTUS	364.8	10.43
STEPHANODISCUS SUBTILIS	88.4	2.53
STEPHANODISCUS TENUIS	578.5	16.54
STEPHANODISCUS TRANSILVANICUS	11.1	0.32
SURIRELLA OVATA	11.1	0.32
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.21
SYNEDRA FILIFORMIS	95.8	2.74
SYNEDRA TENERA	3.7	0.11
TABELLARIA FENESTRATA V. INTERMEDIA	250.6	7.17
THALASSIOSIRA PSEUDONANA	33.2	0.95
TOTAL	3496.7	100.0

SDC 2-1 NO.OF FORMS = 47 DIVERSITY = 3.95
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANKISTRODESMUS SP. #3	14.7	0.28
ANKISTRODESMUS SP.#1	3.7	0.07
ASTERIONELLA FORMOSA	224.8	4.34
CRYPTOMONAS SP.	62.6	1.21
CRYPTOPHYCEAN FLAGELLATES	25.8	0.50
CYCLOTELLA MICHIGANIANA	18.4	0.36
CYCLOTELLA OCELLATA	11.1	0.21
CYCLOTELLA STELLIGERA	420.0	8.10
DIATOMA TENUE V. ELONGATUM	136.3	2.63
DIATOMA VULGARE	3.7	0.07
DINOBRYON DIVERGENS	22.1	0.43
FLAGELLATES	655.9	12.65
FRAGILARIA CROTONENSIS	888.0	17.13
FRAGILARIA INTERMEDIA	55.3	1.07
GLENODINIUM SP.	22.1	0.43
GLOEOCYSTIS PLANCTONICA	14.7	0.28
GLOEOCYSTIS SP.	14.7	0.28
MELOSIRA GRANULATA	7.4	0.14
MELOSIRA ISLANDICA	224.8	4.34
MELOSIRA ITALICA	132.6	2.56
NAVICULA DECUSSIS	3.7	0.07
NAVICULA SIMPLEX	3.7	0.07
NITZSCHIA ACICULARIS	3.7	0.07
NITZSCHIA EACATA	3.7	0.07
NITZSCHIA CONFINIS	3.7	0.07
NITZSCHIA SP. #1	3.7	0.07
NITZSCHIA SP. #2	18.4	0.36
OSCILLATORIA LIMNETICA	11.1	0.21
RHIZOSOLENIA ERIENSIS	3.7	0.07
RHIZOSOLENIA GRACILIS	18.4	0.36
STEPHANODISCUS ALPINUS	202.7	3.91
STEPHANODISCUS BINDERANUS	40.5	0.78
STEPHANODISCUS HANTZSCHII	7.4	0.14
STEPHANODISCUS MINUTUS	582.2	11.23
STEPHANODISCUS NIAGARAE	3.7	0.07
STEPHANODISCUS SP.	18.4	0.36
STEPHANODISCUS SUBTILIS	51.6	1.00
STEPHANODISCUS TENUIS	582.2	11.23
STEPHANODISCUS TRANSILVANICUS	11.1	0.21
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	22.1	0.43
SYNEDRA FILIFORMIS	169.5	3.27
SYNEDRA OSTENFELDII	3.7	0.07
SYNEDRA RUMPENS V. MENEGHINIANA	3.7	0.07
SYNEDRA SP.	3.7	0.07
TABELLARIA FLOCCULOSA	405.3	7.82
THALASSIOSIRA PSEUDONANA	40.5	0.78
ULOTHRIX SP.	3.7	0.07
TOTAL	5184.2	100.0

SDC 2-3 NO.OF FORMS = 49 DIVERSITY = 4.09
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES MINUTISSIMA	3.7	0.10
ASTERIONELLA FORMOSA	99.5	2.71
BLUE-GREEN UNKNOWN FILAMENT	7.4	0.20
CRYPTOMONAS SP.	18.4	0.50
CYCLOTELLA KUETZINGIANA	3.7	0.10
CYCLOTELLA MICHIGANIANA	3.7	0.10
CYCLOTELLA OCELLATA	11.1	0.30
CYCLOTELLA OPERCULATA	3.7	0.10
CYCLOTELLA STELLIGERA	158.4	4.32
DIATOMA TENUE V. ELONGATUM	55.3	1.51
DINOBRYON DIVERGENS	11.1	0.30
FLAGELLATES	405.3	11.06
FRAGILARIA CAPUCINA	261.6	7.14
FRAGILARIA CROTONENSIS	434.8	11.86
FRAGILARIA INTERMEDIA	36.8	1.01
GLOEOCYSTIS PLANCTONICA	36.8	1.01
GLOEOCYSTIS SP.	7.4	0.20
MELOSIRA ISLANDICA	140.0	3.82
MELOSIRA ITALICA	199.0	5.43
MERIDION CIRCULARE	3.7	0.10
NAVICULA CAPITATA	3.7	0.10
NAVICULA CRYPTOCEPHALA V. INTERMEDIA	3.7	0.10
NAVICULA MENISCULUS V. UPSALIENSIS	3.7	0.10
NAVICULA RADIOSA V. TENELLA	3.7	0.10
NITZSCHIA ACICULARIS	14.7	0.40
NITZSCHIA ACUTA	3.7	0.10
NITZSCHIA CONFINIS	11.1	0.30
NITZSCHIA DISSIPATA	7.4	0.20
NITZSCHIA FRUSTULUM	3.7	0.10
NITZSCHIA SP.	3.7	0.10
NITZSCHIA SP. #2	3.7	0.10
RHIZOSOLENIA GRACILIS	7.4	0.20
STEPHANODISCUS ALPINUS	95.8	2.61
STEPHANODISCUS ASTRAEA	3.7	0.10
STEPHANODISCUS BINDERANUS	29.5	0.80
STEPHANODISCUS HANTZSCHII	18.4	0.50
STEPHANODISCUS MINUTUS	228.4	6.23
STEPHANODISCUS SP.	33.2	0.90
STEPHANODISCUS SUBTILIS	99.5	2.71
STEPHANODISCUS TENUIS	479.0	13.07
STEPHANODISCUS TRANSILVANICUS	11.1	0.30
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	7.4	0.20
SYNEDRA FILIFORMIS	121.6	3.32
SYNEDRA MINUSCULA	7.4	0.20
SYNEDRA OSTENFELDII	7.4	0.20
SYNEDRA TENERA	3.7	0.10
SYNEDRA ULNA V. CHASEANA	7.4	0.20
TABELLARIA FLOCCULOSA	523.2	14.27
THALASSIOSIRA PSEUDONANA	18.4	0.50
TOTAL	3666.2	100.0

SDC 4-0 NO.OF FORMS = 43 DIVERSITY = 4.25
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	994.8	10.84
ANKISTRODESMUS FALCATUS	22.1	0.24
ANKISTRODESMUS SP.	11.1	0.12
ASTERIONELLA FORMOSA	232.1	2.53
CRUCIGENIA QUADRATA	44.2	0.48
CRYPTOMONAS SP.	55.3	0.60
CYCLOTELLA CRYPTICA	11.1	0.12
CYCLOTELLA SP.	22.1	0.24
CYCLOTELLA STELLIGERA	652.2	7.11
DIATOMA TENUE V. ELONGATUM	121.6	1.33
DINOBRYON SP.	44.2	0.48
EUGLENA SP.	11.1	0.12
FLAGELLATES	1083.3	11.81
FRAGILARIA CAPUCINA	154.8	1.69
FRAGILARIA CROTONENSIS	696.4	7.59
FRAGILARIA INTERMEDIA	541.6	5.90
GLENODINIUM SP.	22.1	0.24
MELOSIRA ISLANDICA	497.4	5.42
MELOSIRA ITALICA	243.2	2.65
NAVICULA CRYPTOCEPHALA V. VENETA	11.1	0.12
NAVICULA DECUSSIS	11.1	0.12
NITZSCHIA ACICULARIS	11.1	0.12
NITZSCHIA CONFINIS	11.1	0.12
NITZSCHIA DISSIPATA	22.1	0.24
NITZSCHIA SP. #1	11.1	0.12
NITZSCHIA SP. #2	22.1	0.24
OSCILLATORIA LIMNETICA	11.1	0.12
RHIZOSOLENIA GRACILIS	33.2	0.36
STEPHANODISCUS ALPINUS	342.7	3.73
STEPHANODISCUS ASTRAEA	33.2	0.36
STEPHANODISCUS BINDERANUS	221.1	2.41
STEPHANODISCUS HANTZSCHII	298.5	3.25
STEPHANODISCUS MINUTUS	375.8	4.10
STEPHANODISCUS NIAGARAE	55.3	0.60
STEPHANODISCUS SP.	176.9	1.93
STEPHANODISCUS SUBTILIS	121.6	1.33
STEPHANODISCUS TENUIS	1370.7	14.94
STEPHANODISCUS TRANSILVANICUS	44.2	0.48
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	22.1	0.24
SYNEDRA FILIFORMIS	154.8	1.69
SYNEDRA OSTENFELDII	11.1	0.12
TABELLARIA FENESTRATA V. INTERMEDIA	298.5	3.25
TABELLARIA FLOCCULOSA	44.2	0.48
TOTAL	9174.6	100.0

SDC 4-1 NO.OF FORMS = 46 DIVERSITY = 4.20
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS	3.7	0.07
ASTERIONELLA FORMOSA	283.7	5.37
BLUE-GREEN UNKNOWN FILAMENT	14.7	0.28
CALONEIS VENTRICOSA V. MINUTA	3.7	0.07
CRYPTOMONAS SP.	62.6	1.19
CYCLOTELLA MICHIGANIANA	14.7	0.28
CYCLOTELLA OCELLATA	11.1	0.21
CYCLOTELLA PLANKTONICA	3.7	0.07
CYCLOTELLA SP.	3.7	0.07
CYCLOTELLA STELLIGERA	162.1	3.07
CYMATOPLEURA SOLEA V. APICULATA	3.7	0.07
DIATOMA TENUE V. ELONGATUM	169.5	3.21
DINOBRYON DIVERGENS	7.4	0.14
FLAGELLATES	305.8	5.79
FRAGILARIA CAPUCINA	95.8	1.81
FRAGILARIA CROTONENSIS	571.1	10.81
FRAGILARIA INTERMEDIA	184.2	3.49
FRAGILARIA LEPTOSTAURON V. DUBIA	3.7	0.07
GLOEOCYSTIS PLANCTONICA	22.1	0.42
MELOSIRA ISLANDICA	438.5	8.30
MELOSIRA ITALICA	309.5	5.86
NAVICULA MENISCULUS V. UPSALIENSIS	3.7	0.07
NAVICULA SIMPLEX	3.7	0.07
NAVICULA VIRIDULA V. AVENACEA	3.7	0.07
NITZSCHIA ACUTA	3.7	0.07
NITZSCHIA EACATA	3.7	0.07
NITZSCHIA DISSIPATA	11.1	0.21
NITZSCHIA SP. #2	22.1	0.42
RHIZOSOLENIA ERIENSIS	3.7	0.07
RHIZOSOLENIA GRACILIS	3.7	0.07
STEPHANODISCUS ALPINUS	217.4	4.11
STEPHANODISCUS ASTRAEA	7.4	0.14
STEPHANODISCUS BINDERANUS	339.0	6.42
STEPHANODISCUS HANTZSCHII	66.3	1.26
STEPHANODISCUS MINUTUS	615.3	11.65
STEPHANODISCUS SP.	29.5	0.56
STEPHANODISCUS SUBTILIS	147.4	2.79
STEPHANODISCUS TENUIS	714.8	13.53
STEPHANODISCUS TRANSILVANICUS	25.8	0.49
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	25.8	0.49
SYNEDRA FASCICULATA	3.7	0.07
SYNEDRA FILIFORMIS	114.2	2.16
SYNEDRA OSTENFELDII	3.7	0.07
SYNEDRA ULNA	3.7	0.07
TABELLARIA FENESTRATA V. INTERMEDIA	184.2	3.49
THALASSIOSIRA PSEUDONANA	51.6	0.98
TOTAL	5283.7	100.0

SDC 4-3 NO.OF FORMS = 52 DIVERSITY = 4.28
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LINEARIS	7.4	0.21
AMPHORA MONTANA	3.7	0.11
ASTERIONELLA FORMOSA	184.2	5.34
BLUE-GREEN UNKNOWN FILAMENT	7.4	0.21
COCCONEIS PEDICULUS	3.7	0.11
CRYPTOMONAS SP.	11.1	0.32
CRYPTOPHYCEAN FLAGELLATES	11.1	0.32
CYCLOTELLA COMTA	3.7	0.11
CYCLOTELLA CRYPTICA	3.7	0.11
CYCLOTELLA KUETZINGIANA V PLANETOPHORA	3.7	0.11
CYCLOTELLA MENEGHINIANA	3.7	0.11
CYCLOTELLA MICHIGANIANA	7.4	0.21
CYCLOTELLA OCELLATA	51.6	1.50
CYCLOTELLA SP.	3.7	0.11
CYCLOTELLA STELLIGERA	184.2	5.34
DIATOMA EHRENBERGII	3.7	0.11
DIATOMA TENUE V. ELONGATUM	47.9	1.39
DINOBRYON DIVERGENS	7.4	0.21
FLAGELLATES	302.1	8.76
FRAGILARIA CAPUCINA	434.8	12.61
FRAGILARIA CROTONENSIS	361.1	10.47
FRAGILARIA INTERMEDIA	55.3	1.60
GLOEOCYSTIS PLANCTONICA	14.7	0.43
GREEN FILAMENT, UNKNOWN	3.7	0.11
MELOSIRA ISLANDICA	62.6	1.82
MELOSIRA ITALICA	117.9	3.42
NAVICULA #63	3.7	0.11
NAVICULA MENISCULUS V. UPSALIENSIS	3.7	0.11
NITZSCHIA ACICULARIS	14.7	0.43
NITZSCHIA EACATA	3.7	0.11
NITZSCHIA DISSIPATA	18.4	0.53
NITZSCHIA KUETZINGIANA	3.7	0.11
NITZSCHIA PALEA	3.7	0.11
NITZSCHIA SPICULOIDES	7.4	0.21
NITZSCHIA SP. #2	3.7	0.11
RHIZOSOLENIA ERIENSIS	7.4	0.21
RHIZOSOLENIA GRACILIS	14.7	0.43
SCENEDESMUS BICELLULARIS	14.7	0.43
STEPHANODISCUS ALPINUS	95.8	2.78
STEPHANODISCUS BINDERANUS	88.4	2.56
STEPHANODISCUS HANTZSCHII	7.4	0.21
STEPHANODISCUS MINUTUS	246.9	7.16
STEPHANODISCUS SP.	55.3	1.60
STEPHANODISCUS SUBTILIS	110.5	3.21
STEPHANODISCUS TENUIS	280.0	8.12
STEPHANODISCUS TRANSILVANICUS	3.7	0.11
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	14.7	0.43
SYNEDRA FILIFORMIS	99.5	2.88
SYNEDRA OSTENFELDII	3.7	0.11
SYNEDRA ULNA	3.7	0.11
TABELLARIA FLOCCULOSA	409.0	11.86
THALASSIOSIRA PSEUDONANA	29.5	0.85
TOTAL	3448.8	100.0

SDC 4-4 NO.OF FORMS = 43 DIVERSITY = 4.02
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	3.7	0.18
AMPHORA NORMANII	3.7	0.18
ASTERIONELLA FORMOSA	250.6	12.55
CRYPTOMONAS SP.	7.4	0.37
CYCLOTELLA CRYPTICA	3.7	0.18
CYCLOTELLA KUETZINGIANA V PLANETOPHORA	7.4	0.37
CYCLOTELLA MICHIGANIANA	3.7	0.18
CYCLOTELLA OCELLATA	25.8	1.29
CYCLOTELLA SP.	3.7	0.18
CYCLOTELLA STELLIGERA	316.9	15.87
DIATOMA TENUE V. ELONGATUM	3.7	0.18
DINOBRYON DIVERGENS	3.7	0.18
FLAGELLATES	316.9	15.87
FRAGILARIA CROTONENSIS	47.9	2.40
FRAGILARIA INTERMEDIA	36.8	1.85
GLOEOCYSTIS PLANCTONICA	18.4	0.92
GREEN FILAMENT, UNKNOWN	3.7	0.18
MELOSIRA ITALICA	81.1	4.06
NITZSCHIA ACICULARIS	14.7	0.74
NITZSCHIA ACUTA	3.7	0.18
NITZSCHIA BACATA	11.1	0.55
NITZSCHIA CAPITELLATA	3.7	0.18
NITZSCHIA CONFINIS	7.4	0.37
NITZSCHIA DISSIPATA	22.1	1.11
NITZSCHIA SP.	3.7	0.18
NITZSCHIA SP. #2	3.7	0.18
OSCILLATORIA SP.	7.4	0.37
RHIZOSOLENIA ERIENSIS	3.7	0.18
RHIZOSOLENIA GRACILIS	22.1	1.11
SCENEDESMUS BICELLULARIS	22.1	1.11
STEPHANODISCUS ALPINUS	92.1	4.61
STEPHANODISCUS BINDERANUS	7.4	0.37
STEPHANODISCUS MINUTUS	217.4	10.89
STEPHANODISCUS SUBTILIS	66.3	3.32
STEPHANODISCUS TENUIS	25.8	1.29
STEPHANODISCUS TRANSILVANICUS	3.7	0.18
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	22.1	1.11
SYNEDRA FILIFORMIS	165.8	8.30
SYNEDRA MINUSCULA	3.7	0.18
SYNEDRA TENERA	7.4	0.37
SYNEDRA ULNA V. CHASEANA	7.4	0.37
TABELLARIA FLOCCULOSA	55.3	2.77
THALASSIOSIRA PSEUDONANA	59.0	2.95
TOTAL	1997.0	100.0

SDC 7-1 NO.OF FORMS = 27 DIVERSITY = 3.66
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	107.7	8.83
ASTERIONELLA FORMOSA	63.5	5.21
CRYPTOMONAS SP.	3.2	0.27
CYCLOTELLA ATOMUS	2.2	0.18
CYCLOTELLA KUETZINGIANA	5.4	0.44
CYCLOTELLA MICHIGANIANA	6.5	0.53
CYCLOTELLA OCELLATA	4.3	0.35
CYCLOTELLA STELLIGERA	32.3	2.65
DIATOMA TENUE V. ELONGATUM	9.7	0.80
FLAGELLATES	40.9	3.36
FRAGILARIA CROTONENSIS	319.8	26.24
FRAGILARIA INTERMEDIA	126.0	10.34
FRAGILARIA INTERMEDIA V. FALLAX	16.1	1.33
MELOSIRA GRANULATA	10.8	0.88
MELOSIRA ISLANDICA	53.8	4.42
MELOSIRA ITALICA SUBSP. SUBARCTICA	35.5	2.92
NITZSCHIA ACICULARIS	3.2	0.27
NITZSCHIA DISSIPATA	2.2	0.18
NITZSCHIA SP. #2	1.1	0.09
RHIZOSOLENIA GRACILIS	1.1	0.09
STEPHANODISCUS ALPINUS	7.5	0.62
STEPHANODISCUS BINDERANUS	72.1	5.92
STEPHANODISCUS MINUTUS	71.1	5.83
STEPHANODISCUS TENUIS	92.6	7.60
STEPHANODISCUS TRANSILVANICUS	3.2	0.27
SYNEDRA FILIFORMIS	18.3	1.50
TABELLARIA FENESTRATA V. INTERMEDIA	108.7	8.92
TOTAL	1218.8	100.0

SDC 7-3 NO.OF FORMS = 32 DIVERSITY = 3.61
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ASTERIONELLA FORMOSA	173.2	7.18
CRYPTOMONAS SP.	7.4	0.31
CYCLOTELLA MICHIGANIANA	3.7	0.15
CYCLOTELLA OCELLATA	22.1	0.92
CYCLOTELLA STELLIGERA	51.6	2.14
DIATOMA TENUE V. ELONGATUM	14.7	0.61
DINOBRYON DIVERGENS	33.2	1.37
FLAGELLATES	228.4	9.47
FRAGILARIA CROTONENSIS	405.3	16.79
GLOEOCYSTIS SP.	92.1	3.82
MELOSIRA ISLANDICA	62.6	2.60
MELOSIRA ITALICA	55.3	2.29
NAVICULA PUPULA	3.7	0.15
NAVICULA VIRIDULA V. #2	7.4	0.31
NITZSCHIA ACICULARIS	3.7	0.15
NITZSCHIA CONFINIS	3.7	0.15
NITZSCHIA DISSIPATA	7.4	0.31
NITZSCHIA SP. #2	3.7	0.15
OSCILLATORIA LIMNETICA	3.7	0.15
OSCILLATORIA SP.	3.7	0.15
RHIZOSOLENIA GRACILIS	3.7	0.15
STEPHANODISCUS ALPINUS	70.0	2.90
STEPHANODISCUS BINDERANUS	25.8	1.07
STEPHANODISCUS HANTZSCHII	3.7	0.15
STEPHANODISCUS MINUTUS	114.2	4.73
STEPHANODISCUS SP.	3.7	0.15
STEPHANODISCUS SUBTILIS	62.6	2.60
STEPHANODISCUS TENUIS	239.5	9.92
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	18.4	0.76
SYNEDRA FILIFORMIS	73.7	3.05
SYNEDRA ULNA	3.7	0.15
TABELLARIA FLOCCULOSA	608.0	25.19
TOTAL	2413.4	100.0

SDC 7-5 NO.OF FORMS = 42 DIVERSITY = 4.01
COUNTED BY: D.R.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LAUENBURGIANA	1.8	0.13
ANKISTRODESMUS SP. #3	7.4	0.51
ASTERIONELLA FORMOSA	125.3	8.68
CRYPTOMONAS SP.	5.5	0.38
CYCLOTELLA MICHIGANIANA	1.8	0.13
CYCLOTELLA OCELLATA	20.3	1.40
CYCLOTELLA STELLIGERA	160.3	11.11
CYMATOPLEURA SOLEA V. APICULATA	1.8	0.13
DIATOMA TENUE V. ELONGATUM	14.7	1.02
DINOBRYON DIVERGENS	7.4	0.51
FLAGELLATES	206.3	14.30
FRAGILARIA CAPUCINA	3.7	0.26
FRAGILARIA CROTONENSIS	149.2	10.34
GLENODINIUM SP.	1.8	0.13
GLOEOCYSTIS PLANCTONICA	7.4	0.51
GLOEOCYSTIS SP.	1.8	0.13
GOMPHONEMA PARVULUM	1.8	0.13
GREEN FILAMENT, UNKNOWN	1.8	0.13
MELOSIRA ISLANDICA	25.8	1.79
MELOSIRA ITALICA	22.1	1.53
NAVICULA SP.	1.8	0.13
NITZSCHIA ACICULARIS	9.2	0.64
NITZSCHIA DISSIPATA	1.8	0.13
NITZSCHIA FRUSTULUM	1.8	0.13
NITZSCHIA SP. #2	5.5	0.38
OSCILLATORIA LIMNETICA	1.8	0.13
RHIZOSOLENIA ERIENSIS	1.8	0.13
RHIZOSOLENIA GRACILIS	22.1	1.53
STEPHANODISCUS ALPINUS	51.6	3.58
STEPHANODISCUS BINDERANUS	51.6	3.58
STEPHANODISCUS HANTZSCHII	3.7	0.26
STEPHANODISCUS MINUTUS	165.8	11.49
STEPHANODISCUS SP.	12.9	0.89
STEPHANODISCUS SUBTILIS	9.2	0.64
STEPHANODISCUS TENUIS	119.7	8.30
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	14.7	1.02
SYNEDRA FILIFORMIS	97.6	6.77
SYNEDRA SP.	3.7	0.26
SYNEDRA ULNA V. CHASEANA	3.7	0.26
TABELLARIA FLOCCULOSA	90.3	6.26
THALASSIOSIRA PSEUDONANA	1.8	0.13
ULOTHRIX SP.	1.8	0.13
TOTAL	1442.5	100.0

PHYTOPLANKTON COLLECTIONS, 17 JULY 1975

DC-0 NO.OF FORMS = 66 DIVERSITY = 3.21
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	0.3	0.03
AMPHORA SP.	1.6	0.17
ANABAENA FLOS-AQUAE	360.7	38.81
ANACYSTIS INCERTA	7.3	0.78
ANACYSTIS THERMALIS	1.1	0.12
ANKISTRODESMUS #3	1.1	0.12
ANKISTRODESMUS SP.	0.3	0.03
ASTERIONELLA FORMOSA	0.5	0.06
CALONEIS VENTRICOSA V. MINUTA	0.3	0.03
COCCONEIS PEDICULUS	0.3	0.03
CRUCIGENIA QUADRATA	7.0	0.75
CRYPTOMONAS SP.	0.8	0.09
CRYPTOPHYCEAN FLAGELLATES	5.9	0.64
CYCLOTELLA KUETZINGIANA	0.8	0.09
CYCLOTELLA MENEGHINIANA	0.3	0.03
CYCLOTELLA MICHIGANIANA	5.4	0.58
CYCLOTELLA OCELLATA	1.6	0.17
CYCLOTELLA SP.	4.3	0.46
CYCLOTELLA STELLIGERA	1.6	0.17
DINOBRYON BAVARICUM	0.5	0.06
DINOBRYON DIVERGENS	1.3	0.14
DINOBRYON FLAGELLATES	1.3	0.14
DINOBRYON SOCIALE	10.2	1.10
FLAGELLATES	77.8	8.37
FRAGILARIA CAPUCINA	1.3	0.14
FRAGILARIA CROTONENSIS	63.3	6.81
FRAGILARIA INTERMEDIA	0.5	0.06
FRAGILARIA SP.	1.1	0.12
GLOEOCYSTIS PLANCTONICA	37.7	4.05
GLOEOCYSTIS SP.	190.0	20.45
GOMPHONEMA SP.	0.8	0.09
GREEN COCCOID, UNKNOWN	22.6	2.43
GREEN COLONY, UNKNOWN	8.1	0.87
KIRCHNERIELLA SP.	0.8	0.09
MELOSIRA GRANULATA	1.3	0.14
MELOSIRA ISLANDICA	1.9	0.20
NAVICULA #78	0.3	0.03
NAVICULA ANGLICA V. SIGNATA	0.3	0.03
NAVICULA CAPITATA	0.5	0.06
NAVICULA CAPITATA V. LUNEBURGENSIS	0.3	0.03
NAVICULA DECUSSIS	1.3	0.14
NAVICULA MENISCULUS V. UPSALIENSIS	0.3	0.03
NAVICULA SP.	8.6	0.93
NITZSCHIA #2	0.3	0.03
NITZSCHIA ACICULARIS	0.5	0.06
NITZSCHIA DISSIPATA	0.8	0.09
NITZSCHIA HUNGARICA	0.3	0.03
NITZSCHIA KUETZINGIANA	0.3	0.03
NITZSCHIA PALEA	5.7	0.61
NITZSCHIA PALEACEA	1.9	0.20
NITZSCHIA SP.	7.5	0.81
OSCILLATORIA LIMNETICA	42.5	4.58
OSCILLATORIA RETZII	0.5	0.06
OSCILLATORIA SP.	0.3	0.03
PERIDINIUM SP.	12.4	1.33
RHIZOSOLENIA GRACILIS	0.3	0.03
SCENEDESMUS BICELLULARIS	1.1	0.12
SPHAEROCYSTIS SCHROETERI	3.0	0.32
STEPHANODISCUS ALPINUS	1.9	0.20
STEPHANODISCUS MINUTUS	1.3	0.14
STEPHANODISCUS SP.	3.0	0.32
STEPHANODISCUS TENUIS	2.2	0.23
SYNEDRA DEMERARAE	2.4	0.26
SYNEDRA FILIFORMIS	1.1	0.12
TABELLARIA FENESTRATA V. INTERMEDIA	6.7	0.72
TROPIDONEIS LEPIDOPTERA V. PROBOSCIDEA	0.3	0.03
TOTAL	929.4	100.0

DC-1 NO.OF FORMS = 41 DIVERSITY = 3.18
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	0.3	0.04
ANABAENA FLOS-AQUAE	148.8	24.22
ANACYSTIS INCERTA	13.5	2.19
ANACYSTIS THERMALIS	2.4	0.39
ANKISTRODESMUS GELIFACTUM	1.3	0.22
ASTERIONELLA FORMOSA	0.8	0.13
CRYPTOMONAS SP.	2.7	0.44
CYCLOTELLA MENEGHINIANA V. PLANA	0.3	0.04
CYCLOTELLA MICHIGANIANA	7.8	1.27
CYCLOTELLA OCELLATA	1.3	0.22
CYCLOTELLA PSEUDOSTELLIGERA	0.3	0.04
CYCLOTELLA SP.	0.5	0.09
CYCLOTELLA STELLIGERA	9.2	1.49
DINOBRYON CYSTS	0.3	0.04
DINOBRYON DIVERGENS	2.4	0.39
DINOBRYON FLAGELLATES	0.3	0.04
DINOBRYON SOCIALE	4.0	0.66
DINOBRYON SP.	0.5	0.09
DINOFLAGELLATES	7.5	1.23
FLAGELLATES	106.3	17.30
FRAGILARIA CROTONENSIS	57.3	9.33
FRAGILARIA INTERMEDIA	0.3	0.04
GLOEOCYSTIS PLANCTONICA	17.2	2.80
GLOEOCYSTIS SP.	129.7	21.11
GREEN COCCOID, UNKNOWN	72.4	11.78
KIRCHNERIELLA LUNARIS	1.1	0.18
KIRCHNERIELLA SP.	3.5	0.57
MALLOMONAS SP.	0.3	0.04
MELOSIRA GRANULATA	0.3	0.04
NAVICULA LATENS	0.3	0.04
NAVICULA SP.	0.5	0.09
OSCILLATORIA LIMNETICA	0.5	0.09
PERIDINIUM SP.	5.9	0.96
SCENEDESMUS QUADRICAUDA	0.5	0.09
SCENEDESMUS SP.	1.1	0.18
SCENEDESMUS TETRADESMIFORMIS	1.1	0.18
STEPHANODISCUS MINUTUS	6.2	1.01
STEPHANODISCUS SUBTILIS	4.0	0.66
STEPHANODISCUS TENUIS	0.3	0.04
TABELLARIA FENESTRATA V. INTERMEDIA	1.1	0.18
TRACHELOMONAS SP.	0.3	0.04
TOTAL	614.5	100.0

DC-2 NO.OF FORMS = 32 DIVERSITY = 2.80
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	29.3	5.95
ANACYSTIS THERMALIS	3.2	0.65
CRYPTOMONAS SP.	2.4	0.49
CRYPTOPHYCEAN FLAGELLATES	3.0	0.60
CYCLOTELLA COMTA	0.3	0.05
CYCLOTELLA KUETZINGIANA	3.0	0.60
CYCLOTELLA MICHIGANIANA	3.8	0.76
CYCLOTELLA OCELLATA	1.1	0.22
CYCLOTELLA STELLIGERA	4.0	0.82
DINOBRYON BAVARICUM	0.5	0.11
DINOBRYON DIVERGENS	5.1	1.04
DINOBRYON FLAGELLATES	8.6	1.75
DINOBRYON SP.	1.3	0.27
DINOFLAGELLATES	0.3	0.05
FLAGELLATES	45.8	9.27
FRAGILARIA CONSTRUENS V. PUMILA	0.8	0.16
FRAGILARIA CROTONENSIS	173.9	35.24
GLOEOCYSTIS PLANCTONICA	19.9	4.04
GLOEOCYSTIS SP.	133.2	27.00
GREEN COCCOID, UNKNOWN	44.4	9.00
KIRCHNERIELLA SP.	1.1	0.22
NAVICULA ANGLICA V. SUBSALSA	0.3	0.05
NAVICULA CAPITATA	0.3	0.05
NAVICULA SP.	0.3	0.05
NITZSCHIA SP.	0.3	0.05
OESTRUPIA ZACHARIASI	0.3	0.05
OSCILLATORIA RETZII	0.3	0.05
PERIDINIUM SP.	3.8	0.76
SCENEDESMUS QUADRICAUDA V. LONGISPINA	0.5	0.11
STEPHANODISCUS MINUTUS	0.3	0.05
TABELLARIA FENESTRATA V. INTERMEDIA	1.9	0.38
TRACHELOMONAS SP.	0.3	0.05
TOTAL	493.4	100.0

DC-3 NO.OF FORMS = 46 DIVERSITY = 3.16
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. PEDICULUS	0.3	0.05
ANABAENA FLOS-AQUAE	49.8	9.85
ANACYSTIS INCERTA	6.5	1.28
ANACYSTIS THERMALIS	2.7	0.53
ANKISTRODESMUS #3	0.3	0.05
ANKISTRODESMUS FALCATUS	1.1	0.21
COSMARIUM #1	0.3	0.05
CRYPTOMONAS SP.	6.2	1.22
CRYPTOPHYCEAN FLAGELLATES	0.3	0.05
CYCLOTELLA MENEGHINIANA	0.3	0.05
CYCLOTELLA MICHIGANIANA	7.8	1.54
CYCLOTELLA OCELLATA	0.3	0.05
CYCLOTELLA SP.	0.5	0.11
CYCLOTELLA STELLIGERA	0.5	0.11
DIATOMA TENUE V. ELONGATUM	0.3	0.05
DINOBRYON BAVARICUM	0.3	0.05
DINOBRYON DIVERGENS	3.2	0.64
DINOBRYON FLAGELLATES	0.3	0.05
DINOBRYON SOCIALE	0.3	0.05
DINOBRYON SP.	0.5	0.11
DINOFLAGELLATES	6.5	1.28
FLAGELLATES	104.7	20.70
FRAGILARIA CROTONENSIS	57.3	11.34
GLOEOCYSTIS PLANCTONICA	23.7	4.68
GLOEOCYSTIS SP.	100.4	19.85
GREEN COCCOID, UNKNOWN	111.4	22.03
GREEN COLONY, UNKNOWN	2.7	0.53
KIRCHNERIELLA LUNARIS	0.5	0.11
KIRCHNERIELLA SP.	0.5	0.11
MALLOMONAS SP.	0.3	0.05
MELOSIRA GRANULATA	0.5	0.11
NAVICULA DECUSSIS	0.3	0.05
NAVICULA LATENS	0.3	0.05
NAVICULA SP.	0.3	0.05
NITZSCHIA #10	0.3	0.05
NITZSCHIA KUETZINGIANA	0.3	0.05
PERIDINIUM SP.	2.7	0.53
RHIZOSOLENIA GRACILIS	0.5	0.11
SCENEDESMUS BICELLULARIS	0.5	0.11
SCENEDESMUS SP.	4.3	0.85
STEPHANODISCUS MINUTUS	2.7	0.53
STEPHANODISCUS SP.	0.5	0.11
SYNEDRA PARASITICA	0.3	0.05
TABELLARIA FENESTRATA V. INTERMEDIA	2.2	0.43
TETRAEDRON CAUDATUM	0.3	0.05
TETRAEDRON SP.	0.3	0.05
TOTAL	505.8	100.0

DC-4 NO.OF FORMS = 40 DIVERSITY = 3.51
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	90.4	15.69
ANACYSTIS INCERTA	10.8	1.87
ANACYSTIS THERMALIS	6.7	1.17
ANKISTRODESMUS FALCATUS	0.8	0.14
BICOECA PAROPSIS	3.0	0.51
CHRYSOPHYCEAN FLAGELLATE SPP.	1.9	0.33
COSMARIUM #1	0.5	0.09
CRUCIGENIA RECTANGULARIS	4.3	0.75
CRUCIGENIA TETRAPEDIA	1.1	0.19
CRYPTOMONAS SP.	3.2	0.56
CRYPTOPHYCEAN FLAGELLATES	1.6	0.28
CYCLOTELLA COMTA	0.3	0.05
CYCLOTELLA KUETZINGIANA	4.0	0.70
CYCLOTELLA MENEGHINIANA	0.5	0.09
CYCLOTELLA MICHIGANIANA	5.7	0.98
CYCLOTELLA OCELLATA	2.2	0.37
CYCLOTELLA STELLIGERA	23.4	4.06
DINOBRYON BAVARICUM	0.8	0.14
DINOBRYON DIVERGENS	1.9	0.33
DINOBRYON FLAGELLATES	44.4	7.70
DINOFLAGELLATES	1.3	0.23
FLAGELLATE A	1.9	0.33
FLAGELLATES	112.8	19.56
FRAGILARIA CROTONENSIS	34.7	6.02
GLENODINIUM SP.	1.3	0.23
GLOEOCYSTIS PLANCTONICA	33.6	5.84
GLOEOCYSTIS SP.	116.5	20.21
GREEN COCCOID, UNKNOWN	51.7	8.96
MELOSIRA GRANULATA	0.8	0.14
OSCILLATORIA LIMNETICA	0.5	0.09
OSCILLATORIA RETZII	0.3	0.05
PERIDINIUM SP.	1.9	0.33
SCENEDESMUS QUADRICAUDA	2.7	0.47
SCENEDESMUS SP.	2.2	0.37
SCENEDESMUS TETRADESMIFORMIS	1.1	0.19
STEPHANODISCUS MINUTUS	1.1	0.19
STEPHANODISCUS TENUIS	0.8	0.14
TABELLARIA FENESTRATA V. INTERMEDIA	0.3	0.05
TRACHELOMONAS SP.	1.9	0.33
TREUBARIA SETIGERUM	1.6	0.28
TOTAL	576.6	100.0

DC-5 NO.OF FORMS = 37 DIVERSITY = 3.19
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	112.0	21.17
ANACYSTIS INCERTA	3.8	0.71
ANACYSTIS THERMALIS	1.6	0.31
ANKISTRODESMUS #3	1.1	0.20
ANKISTRODESMUS FALCATUS	0.5	0.10
ASTERIONELLA FORMOSA	0.5	0.10
BICOECA PAROPSIS	4.8	0.92
CHRYSOPHYCEAN FLAGELLATE SPP.	7.8	1.48
COSMARIUM #1	0.3	0.05
CRYPTOMONAS SP.	1.9	0.36
CRYPTOPHYCEAN FLAGELLATES	3.2	0.61
CYCLOTELLA KUETZINGIANA	1.6	0.31
CYCLOTELLA MENEGHINIANA	0.3	0.05
CYCLOTELLA MICHIGANIANA	5.9	1.12
CYCLOTELLA OCELLATA	0.5	0.10
CYCLOTELLA STELLIGERA	17.0	3.21
DINOBRYON BAVARICUM	0.3	0.05
DINOBRYON DIVERGENS	2.4	0.46
DINOBRYON FLAGELLATES	2.2	0.41
DINOBRYON SOCIALE	3.5	0.66
DINOBRYON SP.	0.5	0.10
DINOFLAGELLATES	1.1	0.20
FLAGELLATES	71.9	13.59
FRAGILARIA CROTONENSIS	35.5	6.72
GLOEOCYSTIS PLANCTONICA	44.4	8.40
GLOEOCYSTIS SP.	134.6	25.45
GOMPHONEMA ANGUSTATUM	0.3	0.05
GREEN COCCOID, UNKNOWN	62.2	11.76
NITZSCHIA SP.	0.3	0.05
PERIDINIUM SP.	1.6	0.31
SCENEDESMUS ACUMINATUS	0.5	0.10
SCENEDESMUS BICELLULARIS	0.5	0.10
SCENEDESMUS QUADRICAUDA V. LONGISPINA	1.1	0.20
SCENEDESMUS QUADRICAUDA	0.8	0.15
SCENEDESMUS SP.	0.5	0.10
TABELLARIA FENESTRATA V. INTERMEDIA	1.6	0.31
TRACHELOMONAS SP.	0.3	0.05
TOTAL	528.9	100.0

DC-6 NO.OF FORMS = 35 DIVERSITY = 3.39
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	60.0	8.52
ANACYSTIS INCERTA	13.5	1.91
ANACYSTIS THERMALIS	8.1	1.15
ANKISTRODESMUS #3	1.1	0.15
ANKISTRODESMUS GELIFACTUM	0.5	0.08
BICOECA PAROPSIS	0.5	0.08
CHRYSOPHYCEAN FLAGELLATE SPP.	14.3	2.02
CRUCIGENIA QUADRATA	8.6	1.22
CRYPTOMONAS SP.	1.6	0.23
CRYPTOPHYCEAN FLAGELLATES	2.2	0.31
CYCLOTELLA COMTA V. BODANICA	0.5	0.08
CYCLOTELLA MICHIGANIANA	7.0	0.99
CYCLOTELLA OCELLATA	1.1	0.15
CYCLOTELLA STELLIGERA	121.7	17.27
DINOBRYON BAVARICUM	0.5	0.08
DINOBRYON CYSTS	0.3	0.04
DINOBRYON DIVERGENS	3.5	0.50
DINOBRYON FLAGELLATES	7.0	0.99
DINOBRYON SOCIALE	0.3	0.04
DINOBRYON SP.	3.0	0.42
DINOFLAGELLATES	18.6	2.64
FLAGELLATE A	1.9	0.27
FLAGELLATES	160.2	22.73
FRAGILARIA CROTONENSIS	5.4	0.76
GLENODINIUM SP.	1.1	0.15
GLOEOCYSTIS PLANCTONICA	83.4	11.84
GLOEOCYSTIS SP.	33.4	4.74
GREEN COCCOID, UNKNOWN	123.0	17.46
MALLOMONAS PSEUDOCORONATA	8.3	1.18
OOCYSTIS SP.	2.2	0.31
PERIDINIUM SP.	1.1	0.15
SCENEDESMUS BICELLULARIS	5.9	0.84
STEPHANODISCUS MINUTUS	1.6	0.23
TETRAEDRON MINIMUM	0.3	0.04
TRACHELOMONAS SP.	3.2	0.46
TOTAL	704.7	100.0

NDC.5-0 NO.OF FORMS = 67 DIVERSITY = 3.28
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	0.8	0.09
ACHNANTHES LANCEOLATA V. DUBIA	0.3	0.03
ACHNANTHES SP.	0.3	0.03
AMPHORA OVALIS V. PEDICULUS	0.5	0.06
AMPHORA SP.	2.4	0.28
AMPHORA SP. (AFF. A. SIBIRICA)	1.1	0.12
ANABAENA FLOS-AQUAE	320.3	36.39
ANACYSTIS THERMALIS	2.2	0.24
ANKISTRODESMUS FALCATUS	1.6	0.18
ASTERIONELLA FORMOSA	1.6	0.18
CALONEIS VENTRICOSA V. MINUTA	0.8	0.09
CHRYSOPHYCEAN FLAGELLATE SPP.	4.6	0.52
CRUCIGENIA TETRAPEDIA	1.1	0.12
CRYPTOMONAS SP.	2.2	0.24
CRYPTOPHYCEAN FLAGELLATES	16.4	1.87
CYCLOTELLA COMTA	0.3	0.03
CYCLOTELLA CRYPTICA	2.4	0.28
CYCLOTELLA KUETZINGIANA	0.3	0.03
CYCLOTELLA MENEGHINIANA	0.5	0.06
CYCLOTELLA MICHIGANIANA	11.8	1.35
CYCLOTELLA OCELLATA	1.9	0.21
CYCLOTELLA SP.	3.2	0.37
CYCLOTELLA STELLIGERA	12.1	1.38
DINOBRYON DIVERGENS	0.8	0.09
DINOBRYON FLAGELLATES	0.5	0.06
DINOBRYON SOCIALE	0.3	0.03
DINOFLAGELLATES	8.1	0.92
FLAGELLATES	24.5	2.78
FRAGILARIA CAPUCINA	3.8	0.43
FRAGILARIA CROTONENSIS	141.9	16.12
FRAGILARIA INTERMEDIA	0.3	0.03
GLOEOCYSTIS PLANCTONICA	25.0	2.84
GLOEOCYSTIS SP.	158.3	17.98
GOMPHONEMA SP.	0.8	0.09
GREEN COCCOID, UNKNOWN	45.5	5.17
MELOSIRA ITALICA	0.3	0.03
NAVICULA #23	0.3	0.03
NAVICULA #78	2.4	0.28
NAVICULA ANGLICA V. SUBSALSA	0.3	0.03
NAVICULA CAPITATA	2.4	0.28
NAVICULA CAPITATA V. LUNEBURGENSIS	0.3	0.03
NAVICULA DECUSSIS	1.1	0.12
NAVICULA LANCEOLATA	0.3	0.03
NAVICULA LATENS	1.9	0.21
NAVICULA MENISCULUS V. UPSALIENSIS	0.8	0.09
NAVICULA SP.	5.1	0.58
NITZSCHIA #10	0.3	0.03
NITZSCHIA #1	0.3	0.03
NITZSCHIA DISSIPATA	0.8	0.09
NITZSCHIA KUETZINGIANA	1.9	0.21
NITZSCHIA PALEA	3.5	0.40
NITZSCHIA PALEACEA	0.5	0.06
NITZSCHIA SP.	7.0	0.80
OEDOGONIUM SP.	2.7	0.31
OSCILLATORIA LIMNETICA	19.1	2.17
OSCILLATORIA RETZII	0.8	0.09
OSCILLATORIA SP.	0.8	0.09
PERIDINIUM SP.	5.7	0.64
SCENEDESMUS QUADRICAUDA V. LONGISPINA	3.2	0.37
SCENEDESMUS SP.	2.2	0.24
STEPHANODISCUS ALPINUS	2.7	0.31
STEPHANODISCUS MINUTUS	1.1	0.12
STEPHANODISCUS TENUIS	1.3	0.15
SURIRELLA OVATA	0.3	0.03
SYNEDRA SP.	0.5	0.06
TABELLARIA FENESTRATA V. INTERMEDIA	11.8	1.35
TABELLARIA FLOCCULOSA	0.3	0.03
TOTAL	880.2	100.0

NDC.5-1 NO.OF FORMS = 46 DIVERSITY = 3.17
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI	0.3	0.06
ACHNANTHES SP.	0.3	0.06
AMPHORA SP.	0.3	0.06
ANABAENA FLOS-AQUAE	79.1	19.08
ANACYSTIS THERMALIS	1.6	0.39
ANKISTRODESMUS #3	0.3	0.06
ASTERIONELLA FORMOSA	0.3	0.06
BICOECA PAROPSIS	1.9	0.45
CHRYSOPHYCEAN FLAGELLATE SPP.	3.8	0.91
COSMARIUM #1	0.5	0.13
CRYPTOMONAS SP.	1.9	0.45
CRYPTOPHYCEAN FLAGELLATES	5.4	1.30
CYCLOTELLA KUETZINGIANA	1.6	0.39
CYCLOTELLA MENEGHINIANA	0.3	0.06
CYCLOTELLA MICHIGANIANA	4.8	1.17
CYCLOTELLA OCELLATA	0.3	0.06
CYCLOTELLA STELLIGERA	7.0	1.69
DINOBRYON DIVERGENS	4.3	1.04
DINOBRYON FLAGELLATES	4.6	1.10
DINOBRYON SOCIALE	0.8	0.19
DINOFLAGELLATES	6.2	1.49
FLAGELLATE A	0.3	0.06
FLAGELLATES	93.9	22.65
FRAGILARIA CONSTRUENS V. VENTER	0.5	0.13
FRAGILARIA CROTONENSIS	11.8	2.86
FRAGILARIA PINNATA	0.3	0.06
GLOEOCYSTIS PLANCTONICA	6.5	1.56
GLOEOCYSTIS SP.	96.6	23.30
GREEN COCCOID, UNKNOWN	59.8	14.41
MALLOMONAS PSEUDOCORONATA	0.3	0.06
NAVICULA CRYPTOCEPHALA V. INTERMEDIA	0.3	0.06
NAVICULA MENISCULUS V. OBTUSA	0.3	0.06
NAVICULA RADIOSA V. TENELLA	0.3	0.06
NAVICULA SP.	0.8	0.19
NEIDIUM DUBIUM V. #1	0.3	0.06
NITZSCHIA ACICULARIS	0.3	0.06
NITZSCHIA DISSIPATA	0.5	0.13
NITZSCHIA KUETZINGIANA	0.3	0.06
PERIDINIUM SP.	12.4	2.99
SCENEDESMUS QUADRICAUDA	0.5	0.13
STEPHANODISCUS ALPINUS	0.3	0.06
STEPHANODISCUS MINUTUS	0.3	0.06
STEPHANODISCUS SUBTILIS	0.3	0.06
STEPHANODISCUS TENUIS	0.3	0.06
TABELLARIA FENESTRATA V. INTERMEDIA	2.2	0.52
TRACHELOMONAS SP.	0.3	0.06
TOTAL	414.8	100.0

NDC.5-2 NO.OF FORMS = 35 DIVERSITY = 3.43
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	52.8	6.83
ANACYSTIS INCERTA	17.2	2.23
ASTERIONELLA FORMOSA	1.1	0.14
BICOECA PAROPSIS	3.2	0.42
CERATIUM HIRUNDINELLA	1.1	0.14
CHRYSOPHYCEAN FLAGELLATE SPP.	16.1	2.09
CRYPTOMONAS SP.	4.3	0.56
CRYPTOPHYCEAN FLAGELLATES	16.1	2.09
CYCLOTELLA MENEGHINIANA	1.1	0.14
CYCLOTELLA MICHIGANIANA	12.9	1.67
CYCLOTELLA OCELLATA	1.1	0.14
CYCLOTELLA SP.	1.1	0.14
CYCLOTELLA STELLIGERA	4.3	0.56
DIATOMA TENUE V. ELONGATUM	1.1	0.14
DINOBRYON DIVERGENS	3.2	0.42
DINOBRYON FLAGELLATES	2.2	0.28
DINOBRYON SOCIALE	2.2	0.28
DINOFLAGELLATES	24.8	3.21
FLAGELLATES	84.0	10.88
FRAGILARIA CROTONENSIS	61.4	7.95
GLENODINIUM SP.	1.1	0.14
GLOEOCYSTIS PLANCTONICA	37.7	4.88
GLOEOCYSTIS SP.	245.5	31.80
GREEN COCCOID, UNKNOWN	122.7	15.90
MALLOMONAS PSEUDOCORONATA	1.1	0.14
NAVICULA MENISCULUS V. UPSALIENSIS	1.1	0.14
NITZSCHIA SP.	2.2	0.28
OOCYSTIS SP.	5.4	0.70
PERIDINIUM SP.	16.1	2.09
SCENEDESMUS SP.	2.2	0.28
SPHAEROCYSTIS SP.	12.9	1.67
STEPHANODISCUS SP.	7.5	0.98
TABELLARIA FENESTRATA V. INTERMEDIA	2.2	0.28
TABELLARIA FLOCCULOSA	1.1	0.14
TRACHELOMONAS SP.	2.2	0.28
TOTAL	772.0	100.0

NDC 1-0 NO.OF FORMS = 78 DIVERSITY = 3.86
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	0.5	0.08
ACHNANTHES SP.	0.8	0.12
AMPHORA OVALIS V. PEDICULUS	0.5	0.08
AMPHORA SP.	2.2	0.31
ANABAENA FLOS-AQUAE	19.4	2.80
ANACYSTIS INCERTA	54.4	7.86
ANKISTRODESMUS #3	0.8	0.12
ANKISTRODESMUS FALCATUS	1.9	0.27
CALONEIS VENTRICOSA V. MINUTA	0.3	0.04
CHROMULINA #1	4.6	0.66
CHROMULINA PARVULA	24.5	3.54
CHRYSOPHYCEAN FLAGELLATE SPP.	4.8	0.70
COSMARIUM #1	0.3	0.04
CRUCIGENIA QUADRATA	14.5	2.10
CRYPTOMONAS SP.	0.3	0.04
CRYPTOPHYCEAN FLAGELLATES	0.3	0.04
CYCLOTELLA COMTA	0.3	0.04
CYCLOTELLA CRYPTICA	4.0	0.58
CYCLOTELLA KUETZINGIANA	0.5	0.08
CYCLOTELLA MENEGHINIANA	1.6	0.23
CYCLOTELLA MICHIGANIANA	10.8	1.56
CYCLOTELLA OCELLATA	0.8	0.12
CYCLOTELLA SP.	4.3	0.62
CYCLOTELLA STELLIGERA	20.5	2.96
DINOBRYON DIVERGENS	3.5	0.51
DINOBRYON FLAGELLATES	0.8	0.12
DINOFLAGELLATES	8.6	1.25
FLAGELLATES	47.4	6.85
FRAGILARIA CROTONENSIS	84.2	12.18
FRAGILARIA LEPTOSTAURON	0.3	0.04
FRAGILARIA SP.	0.8	0.12
FRAGILARIA VAUCHERIAE	0.3	0.04
GLOEOCYSTIS PLANCTONICA	29.3	4.24
GLOEOCYSTIS SP.	235.5	34.06
GOMPHONEMA PARVULUM	0.5	0.08
GREEN COCCOID, UNKNOWN	36.6	5.29
KIRCHNERIELLA SP.	1.6	0.23
MELOSIRA GRANULATA	0.5	0.08
MELOSIRA ITALICA	0.3	0.04
NAVICULA #23	0.3	0.04
NAVICULA #78	1.1	0.16
NAVICULA CAPITATA	1.6	0.23
NAVICULA CAPITATA V. LUNEBURGENSIS	0.3	0.04
NAVICULA DECUSSIS	4.0	0.58
NAVICULA GREGARIA	0.5	0.08
NAVICULA LATENS	2.4	0.35
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.08
NAVICULA NYASSENSIS F. MINOR	0.3	0.04
NAVICULA PLATYSTOMA V. PANTOCSEKII	0.3	0.04
NAVICULA PUPULA	0.3	0.04
NAVICULA SP.	3.0	0.43
NITZSCHIA #2	0.3	0.04
NITZSCHIA ACUTA	0.5	0.08
NITZSCHIA DISSIPATA	0.5	0.08
NITZSCHIA KUETZINGIANA	1.9	0.27
NITZSCHIA PALEA	1.3	0.19
NITZSCHIA PALEACEA	0.8	0.12
NITZSCHIA SP.	2.4	0.35
OSCILLATORIA LIMNETICA	8.1	1.17
OSCILLATORIA RETZII	0.3	0.04
PERIDINIUM SP.	6.2	0.90
SCENEDESMUS ACUMINATUS	1.1	0.16
SCENEDESMUS BICELLULARIS	2.7	0.39
SCENEDESMUS QUADRICAUDA V. LONGISPINA	3.2	0.47
SCENEDESMUS QUADRICAUDA	3.2	0.47
SCENEDESMUS SP.	4.3	0.62
SCENEDESMUS SPINOSUS	2.2	0.31
STEPHANODISCUS ALPINUS	2.2	0.31
STEPHANODISCUS MINUTUS	3.2	0.47
STEPHANODISCUS SP.	0.3	0.04
STEPHANODISCUS SUBTILIS	1.1	0.16
STEPHANODISCUS TENUIS	1.3	0.19
SYNEDRA FILIFORMIS	0.5	0.08
SYNEDRA FILIFORMIS V. EXILIS	0.3	0.04
SYNEDRA ULNA V. CHASEANA	0.3	0.04
TABELLARIA FENESTRATA V. INTERMEDIA	4.8	0.70
TETRAEDRON CAUDATUM	0.3	0.04
TETRAEDRON MINIMUM	0.5	0.08
TOTAL	691.5	100.0

NDC 1-1 NO.OF FORMS = 36 DIVERSITY = 3.23
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	32.3	5.98
ANKISTRODESMUS FALCATUS	1.3	0.25
ANKISTRODESMUS GELIFACTUM	0.8	0.15
CHROMULINA #1	5.9	1.10
CHROMULINA PARVULA	8.6	1.59
CHRYSOPHYCEAN FLAGELLATE SPP.	11.0	2.04
CRYPTOMONAS SP.	2.2	0.40
CYCLOTELLA CRYPTICA	0.3	0.05
CYCLOTELLA MICHIGANIANA	11.6	2.14
CYCLOTELLA STELLIGERA	24.8	4.58
DINOBRYON CYSTS	0.5	0.10
DINOBRYON DIVERGENS	1.3	0.25
DINOBRYON FLAGELLATES	3.5	0.65
DINOFLAGELLATES	10.5	1.94
FLAGELLATES	166.9	30.88
FRAGILARIA CROTONENSIS	50.6	9.36
GLOEOCYSTIS PLANCTONICA	9.4	1.74
GLOEOCYSTIS SP.	102.3	18.92
GREEN COCCOID, UNKNOWN	73.5	13.60
KIRCHNERIELLA LUNARIS	0.3	0.05
KIRCHNERIELLA SP.	4.0	0.75
MALLOMONAS PSEUDOCORONATA	0.3	0.05
MELOSIRA GRANULATA	0.3	0.05
NITZSCHIA KUETZINGIANA	0.3	0.05
OSCILLATORIA RETZII	0.5	0.10
PERIDINIUM SP.	5.7	1.05
SCENEDESMUS QUADRICAUDA V. LONGISPINA	1.1	0.20
SCENEDESMUS SP.	0.5	0.10
STEPHANODISCUS MINUTUS	5.9	1.10
STEPHANODISCUS SP.	0.3	0.05
STEPHANODISCUS SUBTILIS	1.6	0.30
SYNEDRA FILIFORMIS	0.3	0.05
TABELLARIA FENESTRATA	0.3	0.05
TABELLARIA FENESTRATA V. INTERMEDIA	1.1	0.20
TETRAEDRON MINIMUM	0.3	0.05
TRACHELOMONAS SP.	0.5	0.10
TOTAL	540.5	100.0

NDC 1-2 NO.OF FORMS = 32 DIVERSITY = 3.38
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA SP.	0.3	0.07
ANABAENA FLOS-AQUAE	30.1	7.47
ANACYSTIS INCERTA	10.8	2.67
ANKISTRODESMUS #3	1.3	0.33
ANKISTRODESMUS FALCATUS	0.8	0.20
CHRYSOPHYCEAN FLAGELLATE SPP.	27.2	6.74
COSMARIUM #1	0.3	0.07
CRYPTOMONAS SP.	4.8	1.20
CRYPTOPHYCEAN FLAGELLATES	1.9	0.47
CYCLOTELLA COMTA	0.3	0.07
CYCLOTELLA KUETZINGIANA	2.4	0.60
CYCLOTELLA MICHIGANIANA	4.8	1.20
CYCLOTELLA OCELLATA	1.3	0.33
CYCLOTELLA STELLIGERA	25.3	6.27
DINOBRYON DIVERGENS	1.3	0.33
DINOBRYON FLAGELLATES	9.4	2.33
DINOFLAGELLATES	13.2	3.27
DIPLONEIS OCULATA	0.3	0.07
FLAGELLATE A	1.6	0.40
FLAGELLATES	85.6	21.21
FRAGILARIA CROTONENSIS	25.3	6.27
FRAGILARIA SP.	0.3	0.07
GLOEOCYSTIS PLANCTONICA	3.2	0.80
GLOEOCYSTIS SP.	75.4	18.68
GREEN COCCOID, UNKNOWN	72.4	17.95
MALLOMONAS PSEUDOCORONATA	0.3	0.07
NAVICULA DECUSSIS	0.3	0.07
NAVICULA SP.	0.3	0.07
OSCILLATORIA LIMNETICA	0.3	0.07
PERIDINIUM SP.	0.8	0.20
STEPHANODISCUS MINUTUS	1.3	0.33
TABELLARIA FENESTRATA V. INTERMEDIA	0.5	0.13
TOTAL	403.5	100.0

NDC 2-0 NO.OF FORMS = 71 DIVERSITY = 4.01
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES #3	1.1	0.21
ACHNANTHES SP.	1.1	0.21
AMPHORA OVALIS V. LIBYCA	0.8	0.16
AMPHORA SP.	2.2	0.42
ANABAENA FLOS-AQUAE	90.2	17.38
ANKISTRODESMUS #3	1.1	0.21
ANKISTRODESMUS FALCATUS	2.2	0.42
ASTERIONELLA FORMOSA	0.3	0.05
CALONEIS SP.	1.3	0.26
CALONEIS VENTRICOSA V. MINUTA	0.5	0.10
CHROMULINA #1	9.7	1.87
CHROMULINA PARVULA	23.1	4.46
CHRYSOPHYCEAN FLAGELLATE SPP.	4.6	0.88
CRYPTOPHYCEAN FLAGELLATES	0.8	0.16
CYCLOTELLA CRYPTICA	0.5	0.10
CYCLOTELLA MENEGHINIANA	1.6	0.31
CYCLOTELLA MICHIGANIANA	14.0	2.70
CYCLOTELLA OCELLATA	1.6	0.31
CYCLOTELLA SP.	4.6	0.88
CYCLOTELLA STELLIGERA	29.1	5.60
CYMBELLA SP.	0.3	0.05
DINOBRYON DIVERGENS	0.8	0.16
DINOBRYON FLAGELLATES	0.3	0.05
DINOBRYON SOCIALE	0.3	0.05
DINOFLAGELLATES	6.7	1.30
FLAGELLATES	22.9	4.41
FRAGILARIA CROTONENSIS	41.5	7.99
FRAGILARIA PINNATA V. LANCETTULA	0.3	0.05
FRAGILARIA SP.	0.3	0.05
FRAGILARIA VAUCHERIAE	0.3	0.05
GLOEOCYSTIS PLANCTONICA	21.5	4.15
GLOEOCYSTIS SP.	135.1	26.05
GREEN COCCOID, UNKNOWN	31.5	6.07
KIRCHNERIELLA SP.	1.3	0.26
MELOSIRA ITALICA	0.5	0.10
NAVICULA #78	0.5	0.10
NAVICULA CAPITATA	1.6	0.31
NAVICULA CAPITATA V. LUNEBURGENSIS	0.3	0.05
NAVICULA DECUSSIS	2.2	0.42
NAVICULA GREGARIA	0.8	0.16
NAVICULA LATENS	1.6	0.31
NAVICULA MENISCULUS V. UPSALIENSIS	0.8	0.16
NAVICULA NYASSENSIS F. MINOR	0.8	0.16
NAVICULA SP.	3.0	0.57
NAVICULA VIRIDULA V. LINEARIS	0.3	0.05
NEIDIUM DUBIUM V. #1	0.5	0.10
NITZSCHIA ACICULARIS	0.3	0.05
NITZSCHIA CONFINIS	0.3	0.05
NITZSCHIA DISSIPATA	0.8	0.16
NITZSCHIA KUETZINGIANA	2.2	0.42
NITZSCHIA PALEA	0.5	0.10
NITZSCHIA PALEACEA	1.3	0.26
NITZSCHIA SPICULOIDES	0.3	0.05
NITZSCHIA SP.	1.3	0.26
OOCYSTIS SP.	1.1	0.21
OSCILLATORIA LIMNETICA	2.7	0.52
PERIDINIUM SP.	8.6	1.66
SCENEDESMUS BICELLULARIS	1.1	0.21
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.3	0.83
SCENEDESMUS QUADRICAUDA	1.6	0.31
SCENEDESMUS SP.	1.6	0.31
SCENEDESMUS SPINOSUS	2.2	0.42
SPHAEROCYSTIS SP.	6.5	1.25
STEPHANODISCUS ALPINUS	2.4	0.47
STEPHANODISCUS MINUTUS	1.9	0.36
STEPHANODISCUS SP.	0.3	0.05
STEPHANODISCUS SUBTILIS	0.8	0.16
SYNEDRA FILIFORMIS	0.3	0.05
TABELLARIA FENESTRATA V. INTERMEDIA	9.7	1.87
TETRAEDRON CAUDATUM	0.3	0.05
TETRAEDRON MINIMUM	0.3	0.05
TOTAL	518.7	100.0

NDC 2-1 NO.OF FORMS = 47 DIVERSITY = 3.25
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	0.3	0.04
AMPHORA SP.	0.3	0.04
AMPHORA SUBCOSTULATA	0.3	0.04
ANABAENA FLOS-AQUAE	43.3	6.90
ANACYSTIS INCERTA	14.8	2.36
ANACYSTIS THERMALIS	1.1	0.17
ANKISTRODESMUS #3	0.3	0.04
ANKISTRODESMUS #5	1.6	0.26
ANKISTRODESMUS FALCATUS	0.3	0.04
CHROMULINA PARVULA	21.3	3.39
CHROMULINA SP.	6.2	0.99
CHRYSOPHYCEAN FLAGELLATE SPP.	3.8	0.60
CRYPTOMONAS SP.	1.6	0.26
CYCLOTELLA MICHIGANIANA	7.3	1.16
CYCLOTELLA OCELLATA	0.5	0.09
CYCLOTELLA SP.	0.3	0.04
CYCLOTELLA STELLIGERA	15.3	2.44
DIATOMA TENUE	0.3	0.04
DINOBRYON DIVERGENS	4.8	0.77
DINOBRYON FLAGELLATES	1.9	0.30
DINOBRYON SOCIALE	0.3	0.04
DINOFLAGELLATES	10.8	1.71
FLAGELLATES	105.5	16.80
FRAGILARIA CROTONENSIS	36.9	5.87
FRAGILARIA SP.	0.3	0.04
GLOEOCYSTIS PLANCTONICA	22.9	3.64
GLOEOCYSTIS SP.	222.1	35.36
GREEN COCCOID, UNKNOWN	73.8	11.74
KIRCHNERIELLA SP.	2.7	0.43
NAVICULA CAPITATA	0.3	0.04
NAVICULA CRYPTOCEPHALA V. VENETA	0.3	0.04
NAVICULA DECUSSIS	0.3	0.04
NAVICULA LATENS	0.5	0.09
NAVICULA PUPULA	0.3	0.04
NITZSCHIA KUETZINGIANA	1.3	0.21
NITZSCHIA PALEA	0.3	0.04
NITZSCHIA PALEACEA	0.3	0.04
OSCILLATORIA LIMNETICA	0.3	0.04
PERIDINIUM SP.	5.9	0.94
SCENEDESMUS QUADRICAUDA	1.6	0.26
SPHAEROCYSTIS SP.	14.0	2.23
STEPHANODISCUS ALPINUS	0.5	0.09
STEPHANODISCUS MINUTUS	0.3	0.04
STEPHANODISCUS SP.	0.3	0.04
STEPHANODISCUS SUBTILIS	0.3	0.04
TETRAEDRON MINIMUM	0.5	0.09
TETRAEDRON MUTICUM	0.3	0.04
TOTAL	628.0	100.0

NDC 2-3 NO.OF FORMS = 25 DIVERSITY = 3.00
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	225.0	21.75
ANACYSTIS INCERTA	29.1	2.81
ANKISTRODESMUS #3	3.2	0.31
ANKISTRODESMUS #5	10.8	1.04
BICOECA PAROPSIS	4.3	0.42
CHROMULINA #1	2.2	0.21
CHROMULINA PARVULA	25.8	2.50
CRYPTOMONAS SP.	4.3	0.42
CYCLOTELLA MICHIGANIANA	2.2	0.21
CYCLOTELLA OCELLATA	1.1	0.10
CYCLOTELLA SP.	4.3	0.42
CYCLOTELLA STELLIGERA	6.5	0.62
DINOBRYON DIVERGENS	9.7	0.94
DINOBRYON FLAGELLATES	3.2	0.31
DINOFLAGELLATES	8.6	0.83
FLAGELLATES	93.7	9.05
FRAGILARIA CROTONENSIS	71.1	6.87
GLOEOCYSTIS PLANCTONICA	49.5	4.79
GLOEOCYSTIS SP.	315.5	30.49
GREEN COCCOID, UNKNOWN	154.0	14.88
PERIDINIUM SP.	3.2	0.31
SCENEDESMUS QUADRICAUDA	4.3	0.42
STEPHANODISCUS TENUIS	1.1	0.10
SYNEDRA FILIFORMIS	1.1	0.10
TABELLARIA FENESTRATA V. INTERMEDIA	1.1	0.10
TOTAL	1034.7	100.0

NDC 4-0 NO.OF FORMS = 56 DIVERSITY = 3.91
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	2.2	0.19
ANABAENA FLOS-AQUAE	30.1	2.62
ANACYSTIS INCERTA	76.4	6.64
ANKISTRODESMUS #3	1.1	0.09
ANKISTRODESMUS FALCATUS	7.5	0.65
ASTERIONELLA FORMOSA	3.2	0.28
BICOECA PAROPSIS	1.1	0.09
CALONEIS VENTRICOSA V. MINUTA	2.2	0.19
CHROMULINA #1	11.8	1.03
CHROMULINA PARVULA	19.4	1.68
CHRYSOPHYCEAN FLAGELLATE SPP.	3.2	0.28
CRUCIGENIA IRREGULARIS	17.2	1.50
CRYPTOPHYCEAN FLAGELLATES	1.1	0.09
CYCLOTELLA MENEGHINIANA	2.2	0.19
CYCLOTELLA MICHIGANIANA	11.8	1.03
CYCLOTELLA SP.	9.7	0.84
CYCLOTELLA STELLIGERA	21.5	1.87
DIATOMA TENUE	1.1	0.09
DINOBRYON DIVERGENS	17.2	1.50
DINOBRYON FLAGELLATES	4.3	0.37
DINOBRYON SOCIALE	1.1	0.09
DINOFLAGELLATES	17.2	1.50
FLAGELLATES	71.1	6.17
FRAGILARIA CROTONENSIS	68.9	5.99
FRAGILARIA SP.	1.1	0.09
FRAGILARIA VAUCHERIAE	4.3	0.37
GLOEOCYSTIS PLANCTONICA	99.1	8.61
GLOEOCYSTIS SP.	376.8	32.74
GREEN COCCOID, UNKNOWN	114.1	9.92
MELOSIRA GRANULATA	2.2	0.19
NAVICULA CAPITATA	4.3	0.37
NAVICULA DECUSSIS	1.1	0.09
NAVICULA GASTRUM V. SIGNATA	1.1	0.09
NAVICULA LATENS	2.2	0.19
NAVICULA MENISCULUS V. UPSALIENSIS	2.2	0.19
NAVICULA NYASSENSIS F. MINOR	1.1	0.09
NAVICULA SP.	7.5	0.65
NITZSCHIA ACICULARIS	1.1	0.09
NITZSCHIA DISSIPATA	1.1	0.09
NITZSCHIA KUETZINGIANA	6.5	0.56
NITZSCHIA PALEA	1.1	0.09
NITZSCHIA PALEACEA	1.1	0.09
NITZSCHIA SP.	10.8	0.94
OSCILLATORIA LIMNETICA	4.3	0.37
PERIDINIUM SP.	14.0	1.22
SCENEDESMUS BICELLULARIS	17.2	1.50
SCENEDESMUS QUADRICAUDA V. LONGISPINA	8.6	0.75
SCENEDESMUS QUADRICAUDA	6.5	0.56
SCENEDESMUS SP.	15.1	1.31
STEPHANODISCUS ALPINUS	3.2	0.28
STEPHANODISCUS MINUTUS	1.1	0.09
STEPHANODISCUS SP.	2.2	0.19
STEPHANODISCUS TENUIS	1.1	0.09
SYNURA SP.	23.7	2.06
TABELLARIA FENESTRATA V. INTERMEDIA	11.8	1.03
TETRAEDRON MINIMUM	1.1	0.09
TOTAL	1151.0	100.0

NDC 4-1 NO.OF FORMS = 31 DIVERSITY = 3.24
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	287.5	18.68
ANACYSTIS INCERTA	26.9	1.75
ANACYSTIS THERMALIS	2.2	0.14
ANKISTRODESMUS #3	1.1	0.07
ANKISTRODESMUS FALCATUS	5.4	0.35
CHROMULINA #1	2.2	0.14
CHROMULINA PARVULA	79.7	5.18
CHRYSOPHYCEAN FLAGELLATE SPP.	102.3	6.65
COSMARIUM #1	1.1	0.07
CRUCIGENIA QUADRATA	47.4	3.08
CRYPTOMONAS SP.	4.3	0.28
CRYPTOPHYCEAN FLAGELLATES	5.4	0.35
CYCLOTELLA MICHIGANIANA	9.7	0.63
CYCLOTELLA STELLIGERA	26.9	1.75
DINOBRYON DIVERGENS	1.1	0.07
DINOBRYON FLAGELLATES	9.7	0.63
DINOFLAGELLATES	16.1	1.05
FLAGELLATES	433.9	28.20
FRAGILARIA CROTONENSIS	64.6	4.20
GLOEOCYSTIS PLANCTONICA	52.8	3.43
GLOEOCYSTIS SP.	75.4	4.90
GREEN COCCOID, UNKNOWN	259.5	16.86
MALLOMONAS SP.	1.1	0.07
NAVICULA MENISCULUS V. UPSALIENSIS	1.1	0.07
NITZSCHIA FONTICOLA	1.1	0.07
NITZSCHIA SP.	1.1	0.07
OSCILLATORIA LIMNETICA	2.2	0.14
PERIDINIUM SP.	9.7	0.63
STEPHANODISCUS MINUTUS	1.1	0.07
STEPHANODISCUS TENUIS	2.2	0.14
TABELLARIA FENESTRATA V. INTERMEDIA	4.3	0.28
TOTAL	1538.6	100.0

NDC 4-3 NO.OF FORMS = 27 DIVERSITY = 2.97
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	150.7	12.11
ANACYSTIS INCERTA	21.5	1.73
ANACYSTIS THERMALIS	12.9	1.04
ANKISTRODESMUS #3	3.2	0.26
ANKISTRODESMUS FALCATUS	1.1	0.09
CHROMULINA #1	1.1	0.09
CHROMULINA PARVULA	10.8	0.87
CHRYSOPHYCEAN FLAGELLATE SPP.	46.3	3.72
CRUCIGENIA QUADRATA	4.3	0.35
CRYPTOMONAS SP.	6.5	0.52
CRYPTOPHYCEAN FLAGELLATES	1.1	0.09
CYCLOTELLA MICHIGANIANA	6.5	0.52
CYCLOTELLA STELLIGERA	57.1	4.58
DINOBRYON BAVARICUM	2.2	0.17
DINOBRYON DIVERGENS	12.9	1.04
DINOBRYON FLAGELLATES	4.3	0.35
DINOFLAGELLATES	10.8	0.87
FLAGELLATES	405.9	32.61
FRAGILARIA CROTONENSIS	12.9	1.04
GLOEOCYSTIS PLANCTONICA	44.1	3.55
GLOEOCYSTIS SP.	134.6	10.81
GREEN COCCOID, UNKNOWN	286.4	23.01
MALLOMONAS SP.	2.2	0.17
NITZSCHIA #1	1.1	0.09
OSCILLATORIA LIMNETICA	1.1	0.09
PERIDINIUM SP.	2.2	0.17
TABELLARIA FENESTRATA V. INTERMEDIA	1.1	0.09
TOTAL	1244.6	100.0

NDC 4-4 NO.OF FORMS = 26 DIVERSITY = 3.19
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	4.3	0.36
ANACYSTIS THERMALIS	21.5	1.82
ANKISTRODESMUS #3	2.2	0.18
CHROMULINA #1	2.2	0.18
CHROMULINA PARVULA	48.4	4.09
CHRYSOPHYCEAN FLAGELLATE SPP.	24.8	2.09
CRUCIGENIA QUADRATA	4.3	0.36
CRYPTOMONAS SP.	3.2	0.27
CRYPTOPHYCEAN FLAGELLATES	5.4	0.45
CYCLOTELLA KUETZINGIANA	2.2	0.18
CYCLOTELLA MICHIGANIANA	15.1	1.27
CYCLOTELLA STELLIGERA	226.1	19.11
DINOBRYON DIVERGENS	8.6	0.73
DINOBRYON FLAGELLATES	1.1	0.09
DINOFLAGELLATES	21.5	1.82
FLAGELLATES	288.5	24.39
GLENODINIUM SP.	1.1	0.09
GLOEOCYSTIS PLANCTONICA	109.8	9.28
GLOEOCYSTIS SP.	63.5	5.37
GOMPHOSPHAERIA LACUSTRIS	53.8	4.55
GREEN COCCOID, UNKNOWN	242.2	20.47
MALLOMONAS SP.	23.7	2.00
OSCILLATORIA LIMNETICA	3.2	0.27
PERIDINIUM SP.	4.3	0.36
STEPHANODISCUS TENUIS	1.1	0.09
TRACHELOMONAS SP.	1.1	0.09
TOTAL	1183.3	100.0

NDC 7-1 SAMPLE BROKEN

NDC 7-3 NO.OF FORMS = 31 DIVERSITY = 3.16
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	368.2	32.17
ANACYSTIS THERMALIS	21.5	1.88
ANKISTRODESMUS FALCATUS	1.1	0.09
BICOECA PAROPSIS	1.1	0.09
CHROMULINA #1	9.7	0.85
CHROMULINA PARVULA	47.4	4.14
CHRYSOPHYCEAN FLAGELLATE SPP.	6.5	0.56
CRUCIGENIA QUADRATA	30.1	2.63
CRYPTOMONAS SP.	7.5	0.66
CRYPTOPHYCEAN FLAGELLATES	1.1	0.09
CYCLOTELLA MICHIGANIANA	5.4	0.47
CYCLOTELLA SP.	4.3	0.38
CYCLOTELLA STELLIGERA	138.9	12.14
DINOBRYON DIVERGENS	14.0	1.22
DINOBRYON FLAGELLATES	9.7	0.85
DINOBRYON SOCIALE	1.1	0.09
DINOFLAGELLATES	11.8	1.03
FLAGELLATES	118.4	10.35
GLENODINIUM SP.	2.2	0.19
GLOEOCYSTIS PLANCTONICA	39.8	3.48
GLOEOCYSTIS SP.	208.9	18.25
GREEN COCCOID, UNKNOWN	78.6	6.87
MALLOMONAS PSEUDOCORONATA	4.3	0.38
NAVICULA LATENS	1.1	0.09
PERIDINIUM SP.	3.2	0.28
SCENEDESMUS BICELLULARIS	2.2	0.19
STEPHANODISCUS ALPINUS	1.1	0.09
STEPHANODISCUS MINUTUS	2.2	0.19
STEPHANODISCUS SP.	1.1	0.09
SYNEDRA FILIFORMIS	1.1	0.09
TABELLARIA FENESTRATA V. INTERMEDIA	1.1	0.09
TOTAL	1144.5	100.0

NDC 7-5 NO.OF FORMS = 28 DIVERSITY = 2.93
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	12.9	3.16
ANACYSTIS INCERTA	21.5	5.26
ANACYSTIS THERMALIS	1.6	0.39
ANKISTRODESMUS #3	1.1	0.26
CERATIUM HIRUNDINELLA	0.3	0.07
COSMARIUM #1	0.5	0.13
CRYPTOMONAS SP.	0.5	0.13
CRYPTOPHYCEAN FLAGELLATES	2.4	0.59
CYCLOTELLA COMTA	0.5	0.13
CYCLOTELLA KUETZINGIANA	1.9	0.46
CYCLOTELLA MICHIGANIANA	3.8	0.92
CYCLOTELLA STELLIGERA	84.0	20.51
DIATOMA TENUE V. ELONGATUM	0.3	0.07
DINOBRYON BAVARICUM	0.5	0.13
DINOBRYON DIVERGENS	2.2	0.53
DINOBRYON FLAGELLATES	1.1	0.26
DINOBRYON SOCIALE	0.8	0.20
DINOFLAGELLATES	5.9	1.45
EUGLENA SP.	0.3	0.07
FLAGELLATE A	0.5	0.13
FLAGELLATES	57.3	14.00
FRAGILARIA CROTONENSIS	8.1	1.97
GLOEOCYSTIS SP.	111.4	27.22
GREEN COCCOID, UNKNOWN	80.7	19.72
MALLOMONAS SP.	5.9	1.45
PERIDINIUM SP.	1.6	0.39
TABELLARIA FENESTRATA V. INTERMEDIA	0.5	0.13
TRACHELOMONAS SP.	1.1	0.26
TOTAL	409.4	100.0

SDC.5-0 NO.OF FORMS = 25 DIVERSITY = 2.15
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	40.9	2.44
ANKISTRODESMUS FALCATUS	2.2	0.13
CHROMULINA PARVULA	28.0	1.67
CHRYSOPHYCEAN FLAGELLATE SPP.	47.4	2.83
CYCLOTELLA MICHIGANIANA	9.7	0.58
CYCLOTELLA OCELLATA	1.1	0.06
CYCLOTELLA STELLIGERA	31.2	1.86
DINOBRYON DIVERGENS	4.3	0.26
DINOFLAGELLATES	50.6	3.02
FLAGELLATES	1091.7	65.17
FRAGILARIA CROTONENSIS	12.9	0.77
GLOEOCYSTIS PLANCTONICA	87.2	5.21
GLOEOCYSTIS SP.	64.6	3.86
GREEN COCCOID, UNKNOWN	92.6	5.53
KIRCHNERIELLA SP.	4.3	0.26
MELOSIRA GRANULATA	2.2	0.13
NAVICULA SP.	2.2	0.13
NITZSCHIA #1	3.2	0.19
OEDOGONIUM ZACHARIASI	1.1	0.06
PERIDINIUM SP.	90.4	5.40
SCENEDESMUS DIMORPHUS	1.1	0.06
STEPHANODISCUS MINUTUS	1.1	0.06
STEPHANODISCUS TENUIS	3.2	0.19
SYNEDRA SP.	1.1	0.06
TABELLARIA FENESTRATA V. INTERMEDIA	1.1	0.06
TOTAL	1675.3	100.0

SDC.5-1 NO.OF FORMS = 34 DIVERSITY = 3.05
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	74.3	18.83
ANACYSTIS THERMALIS	3.2	0.82
ANKISTRODESMUS #3	1.3	0.34
ANKISTRODESMUS FALCATUS	0.5	0.14
BICOECA PAROPSIS	1.9	0.48
CHRYSOPHYCEAN FLAGELLATE SPP.	3.8	0.95
CRUCIGENIA TETRAPEDIA	1.1	0.27
CRYPTOMONAS SP.	0.5	0.14
CRYPTOPHYCEAN FLAGELLATES	11.0	2.80
CYCLOTELLA KUETZINGIANA	0.3	0.07
CYCLOTELLA MICHIGANIANA	5.7	1.43
CYCLOTELLA SP.	1.6	0.41
CYCLOTELLA STELLIGERA	0.8	0.20
DIATOMA TENUE V. ELONGATUM	0.3	0.07
DINOBRYON DIVERGENS	1.1	0.27
DINOBRYON FLAGELLATES	1.1	0.27
DINOBRYON SOCIALE	2.7	0.68
DINOFLAGELLATES	7.3	1.84
FLAGELLATES	36.3	9.21
FRAGILARIA CROTONENSIS	5.4	1.36
GLOEOCYSTIS PLANCTONICA	30.7	7.78
GLOEOCYSTIS SP.	128.9	32.67
GREEN COCCOID, UNKNOWN	63.5	16.10
KIRCHNERIELLA SP.	1.1	0.27
MELOSIRA GRANULATA	0.3	0.07
NAVICULA COSTULATA	0.3	0.07
NITZSCHIA DISSIPATA	0.3	0.07
OOCYSTIS SP.	0.5	0.14
OSCILLATORIA LIMNETICA	0.5	0.14
PERIDINIUM SP.	5.7	1.43
SCENEDESMUS SP.	1.1	0.27
STEPHANODISCUS SP.	0.3	0.07
TABELLARIA FENESTRATA	0.3	0.07
TABELLARIA FENESTRATA V. INTERMEDIA	1.1	0.27
TOTAL	394.6	100.0

SDC.5-2 NO.OF FORMS = 16 DIVERSITY = 2.66
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	95.8	7.79
ANKISTRODESMUS #3	3.2	0.26
ANKISTRODESMUS FALCATUS	1.1	0.09
CHROMULINA PARVULA	59.2	4.81
CHRYSOPHYCEAN FLAGELLATE SPP.	63.5	5.16
CYCLOTELLA MICHIGANIANA	4.3	0.35
CYCLOTELLA STELLIGERA	8.6	0.70
DINOBRYON DIVERGENS	21.5	1.75
DINOBRYON FLAGELLATES	15.1	1.22
DINOFLAGELLATES	10.8	0.87
FLAGELLATES	573.9	46.63
FRAGILARIA CROTONENSIS	33.4	2.71
GLOEOCYSTIS PLANCTONICA	66.8	5.42
GLOEOCYSTIS SP.	51.7	4.20
GREEN COCCOID, UNKNOWN	203.5	16.54
PERIDINIUM SP.	18.3	1.49
TOTAL	1230.6	100.0

SDC 1-0 NO.OF FORMS = 59 DIVERSITY = 3.86
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	2.2	0.11
ACHNANTHES SP.	6.5	0.33
AMPHORA OVALIS	1.1	0.06
AMPHORA SP.	1.1	0.06
ANABAENA FLOS-AQUAE	107.7	5.58
ANACYSTIS CYANEA	59.2	3.07
ANACYSTIS INCERTA	5.4	0.28
ANKISTRODESMUS #3	2.2	0.11
ANKISTRODESMUS FALCATUS	11.8	0.61
BICOECA PAROPSIS	5.4	0.28
CHROMULINA #1	40.9	2.12
CHROMULINA PARVULA	247.6	12.83
CHRYSOPHYCEAN FLAGELLATE SPP.	25.8	1.34
COSMARIUM #1	1.1	0.06
CRYPTOMONAS SP.	1.1	0.06
CYCLOTELLA MENEGHINIANA	1.1	0.06
CYCLOTELLA MICHIGANIANA	22.6	1.17
CYCLOTELLA OCELLATA	2.2	0.11
CYCLOTELLA SP.	4.3	0.22
CYCLOTELLA STELLIGERA	34.5	1.79
DINOBRYON DIVERGENS	19.4	1.00
DINOFLAGELLATES	16.1	0.84
FLAGELLATES	230.4	11.94
FRAGILARIA CROTONENSIS	51.7	2.68
GLOEOCYSTIS PLANCTONICA	87.2	4.52
GLOEOCYSTIS SP.	412.4	21.37
GOMPHONEMA ANGUSTATUM	1.1	0.06
GREEN COCCOID, UNKNOWN	158.3	8.20
KIRCHNERIELLA SP.	8.6	0.45
NAVICULA #23	1.1	0.06
NAVICULA #78	3.2	0.17
NAVICULA CAPITATA	1.1	0.06
NAVICULA CRYPTOCEPHALA V. VENETA	2.2	0.11
NAVICULA DECUSSIS	2.2	0.11
NAVICULA GREGARIA	1.1	0.06
NAVICULA MENISCULUS V. UPSALIENSIS	1.1	0.06
NAVICULA PUPULA	1.1	0.06
NAVICULA SP.	6.5	0.33
NITZSCHIA DISSIPATA	1.1	0.06
NITZSCHIA FONTICOLA	1.1	0.06
NITZSCHIA HUNGARICA	1.1	0.06
NITZSCHIA KUETZINGIANA	6.5	0.33
NITZSCHIA PALEA	5.4	0.28
NITZSCHIA PALEACEA	2.2	0.11
NITZSCHIA SP.	10.8	0.56
OSCILLATORIA LIMNETICA	8.6	0.45
OSCILLATORIA RETZII	248.7	12.89
PERIDINIUM SP.	19.4	1.00
PINNULARIA SP.	1.1	0.06
SCENEDESMUS BICELLULARIS	4.3	0.22
SCENEDESMUS QUADRICAUDA V. LONGISPINA	8.6	0.45
SCENEDESMUS QUADRICAUDA V. LONGISPINA F.	4.3	0.22
SCENEDESMUS QUADRICAUDA	6.5	0.33
SCENEDESMUS SP.	2.2	0.11
STEPHANODISCUS SP.	3.2	0.17
STEPHANODISCUS TENUIS	1.1	0.06
SURIRELLA ANGUSTA	1.1	0.06
TABELLARIA FENESTRATA V. INTERMEDIA	3.2	0.17
TETRAEDRON MINIMUM	1.1	0.06
TOTAL	**1929.4**	**100.0**

SDC 1-1 NO.OF FORMS = 23 DIVERSITY = 2.84
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	100.1	6.86
ANACYSTIS INCERTA	16.1	1.11
ANKISTRODESMUS FALCATUS	4.3	0.30
CHROMULINA PARVULA	80.7	5.54
CHRYSOPHYCEAN FLAGELLATE SPP.	160.4	11.00
COSMARIUM #1	1.1	0.07
CRYPTOMONAS SP.	2.2	0.15
CYCLOTELLA MICHIGANIANA	5.4	0.37
CYCLOTELLA OCELLATA	1.1	0.07
CYCLOTELLA STELLIGERA	28.0	1.92
DINOBRYON DIVERGENS	4.3	0.30
DINOFLAGELLATES	11.8	0.81
FLAGELLATES	604.0	41.40
FRAGILARIA CROTONENSIS	21.5	1.48
GLENODINIUM SP.	1.1	0.07
GLOEOCYSTIS PLANCTONICA	147.5	10.11
GLOEOCYSTIS SP.	75.4	5.17
GREEN COCCOID, UNKNOWN	177.6	12.18
KIRCHNERIELLA SP.	5.4	0.37
OSCILLATORIA LIMNETICA	1.1	0.07
OSCILLATORIA RETZII	1.1	0.07
PERIDINIUM SP.	6.5	0.44
TABELLARIA FENESTRATA V. INTERMEDIA	2.2	0.15
TOTAL	1458.9	100.0

SDC 1-2 NO.OF FORMS = 24 DIVERSITY = 3.34
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	78.6	10.98
ANACYSTIS THERMALIS	4.3	0.60
ANKISTRODESMUS FALCATUS	1.1	0.15
BICOECA PAROPSIS	1.1	0.15
CHROMULINA #1	4.3	0.60
CHROMULINA PARVULA	23.7	3.31
CHRYSOPHYCEAN FLAGELLATE SPP.	8.6	1.20
CRYPTOMONAS SP.	1.1	0.15
CRYPTOPHYCEAN FLAGELLATES	1.1	0.15
CYCLOTELLA MICHIGANIANA	15.1	2.11
CYCLOTELLA OCELLATA	1.1	0.15
CYCLOTELLA SP.	8.6	1.20
CYCLOTELLA STELLIGERA	3.2	0.45
DINOBRYON DIVERGENS	9.7	1.35
DINOFLAGELLATES	9.7	1.35
FLAGELLATES	92.6	12.93
FRAGILARIA CROTONENSIS	33.4	4.66
GLOEOCYSTIS PLANCTONICA	66.8	9.32
GLOEOCYSTIS SP.	203.5	28.42
GOMPHOSPHAERIA LACUSTRIS	96.9	13.53
OOCYSTIS SP.	26.9	3.76
PERIDINIUM SP.	18.3	2.56
SCENEDESMUS BICELLULARIS	2.2	0.30
SCENEDESMUS QUADRICAUDA	4.3	0.60
TOTAL	716.0	100.0

SDC 2-0 NO.OF FORMS = 60 DIVERSITY = 3.71
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI	1.1	0.07
ACHNANTHES CLEVEI V. ROSTRATA	1.1	0.07
ACHNANTHES SP.	1.1	0.07
AMPHORA OVALIS	2.2	0.14
AMPHORA SP.	4.3	0.27
ANABAENA FLOS-AQUAE	245.5	15.67
ANACYSTIS THERMALIS	12.9	0.82
ANKISTRODESMUS #3	1.1	0.07
ANKISTRODESMUS #5	6.5	0.41
BICOECA PAROPSIS	2.2	0.14
CERATIUM HIRUNDINELLA	1.1	0.07
CHROMULINA #1	5.4	0.34
CHROMULINA PARVULA	30.1	1.92
CHRYSOPHYCEAN FLAGELLATE SPP.	4.3	0.27
COCCONEIS PEDICULUS	1.1	0.07
CRUCIGENIA TETRAPEDIA	8.6	0.55
CRYPTOMONAS SP.	2.2	0.14
CRYPTOPHYCEAN FLAGELLATES	3.2	0.21
CYCLOTELLA KUETZINGIANA	1.1	0.07
CYCLOTELLA MICHIGANIANA	21.5	1.37
CYCLOTELLA OCELLATA	2.2	0.14
CYCLOTELLA SP.	8.6	0.55
CYCLOTELLA STELLIGERA	81.8	5.22
CYMATOPLEURA SOLEA	1.1	0.07
DINOBRYON DIVERGENS	14.0	0.89
DINOBRYON SOCIALE	1.1	0.07
DINOFLAGELLATES	37.7	2.41
FLAGELLATES	204.6	13.06
FRAGILARIA CROTONENSIS	183.0	11.68
FRAGILARIA INTERMEDIA	3.2	0.21
GLOEOCYSTIS PLANCTONICA	103.4	6.60
GLOEOCYSTIS SP.	395.1	25.22
GREEN COCCOID, UNKNOWN	32.3	2.06
MELOSIRA GRANULATA V. MUZZANENSIS	3.2	0.21
NAVICULA #78	1.1	0.07
NAVICULA CAPITATA	1.1	0.07
NAVICULA DECUSSIS	7.5	0.48
NAVICULA LATENS	8.6	0.55
NAVICULA MENISCULUS V. UPSALIENSIS	3.2	0.21
NAVICULA SP.	5.4	0.34
NITZSCHIA #1	1.1	0.07
NITZSCHIA DISSIPATA	1.1	0.07
NITZSCHIA KUETZINGIANA	3.2	0.21
NITZSCHIA PALEA	2.2	0.14
NITZSCHIA PALEACEA	2.2	0.14
NITZSCHIA SP.	6.5	0.41
OESTRUPIA ZACHARIASI	1.1	0.07
OSCILLATORIA LIMNETICA	1.1	0.07
PERIDINIUM SP.	38.8	2.47
SCENEDESMUS BICELLULARIS	8.6	0.55
SCENEDESMUS SP.	11.8	0.76
STAURONEIS ACUTIUSCULA	1.1	0.07
STEPHANODISCUS ALPINUS	6.5	0.41
STEPHANODISCUS BINDERANUS	4.3	0.27
STEPHANODISCUS MINUTUS	2.2	0.14
STEPHANODISCUS SUBTILIS	2.2	0.14
SYNEDRA FILIFORMIS	1.1	0.07
SYNEDRA SP.	1.1	0.07
TABELLARIA FENESTRATA V. INTERMEDIA	15.1	0.96
TRACHELOMONAS SP.	1.1	0.07
TOTAL	1566.5	100.0

SDC 2-1 NO.OF FORMS = 34 DIVERSITY = 3.60
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	227.2	15.88
ANACYSTIS INCERTA	64.6	4.51
ANKISTRODESMUS #3	1.1	0.08
CHROMULINA PARVULA	7.5	0.53
CHRYSOPHYCEAN FLAGELLATE SPP.	64.6	4.51
CRUCIGENIA TETRAPEDIA	4.3	0.30
CRYPTOMONAS SP.	2.2	0.15
CYCLOTELLA MICHIGANIANA	20.5	1.43
CYCLOTELLA OCELLATA	1.1	0.08
CYCLOTELLA STELLIGERA	44.1	3.09
DINOBRYON DIVERGENS	29.1	2.03
DINOBRYON FLAGELLATES	22.6	1.58
DINOFLAGELLATES	29.1	2.03
FLAGELLATES	309.0	21.60
FRAGILARIA CROTONENSIS	59.2	4.14
GLOEOCYSTIS PLANCTONICA	174.4	12.19
GLOEOCYSTIS SP.	168.0	11.74
GREEN COCCOID, UNKNOWN	128.1	8.95
KIRCHNERIELLA SP.	9.7	0.68
MALLOMONAS SP.	3.2	0.23
MELOSIRA SP.	1.1	0.08
NAVICULA MENISCULUS V. OBTUSA	1.1	0.08
NAVICULA SP.	1.1	0.08
NITZSCHIA PALEACEA	1.1	0.08
OSCILLATORIA LIMNETICA	9.7	0.68
OSCILLATORIA RETZII	1.1	0.08
PERIDINIUM SP.	17.2	1.20
SCENEDESMUS ACUMINATUS	4.3	0.30
SCENEDESMUS HYSTRIX	4.3	0.30
SCENEDESMUS SP.	4.3	0.30
STEPHANODISCUS MINUTUS	7.5	0.53
STEPHANODISCUS TENUIS	3.2	0.23
TABELLARIA FENESTRATA V. INTERMEDIA	4.3	0.30
TRACHELOMONAS SP.	1.1	0.08
TOTAL	1430.9	100.0

SDC 2-3 NO.OF FORMS = 27 DIVERSITY = 3.41
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	194.9	19.89
ANKISTRODESMUS FALCATUS	2.2	0.22
CHROMULINA PARVULA	17.2	1.76
CHRYSOPHYCEAN FLAGELLATE SPP.	68.9	7.03
COSMARIUM #1	2.2	0.22
CRYPTOMONAS SP.	5.4	0.55
CYCLOTELLA COMTA	1.1	0.11
CYCLOTELLA KUETZINGIANA	1.1	0.11
CYCLOTELLA MICHIGANIANA	12.9	1.32
CYCLOTELLA OCELLATA	1.1	0.11
CYCLOTELLA STELLIGERA	62.4	6.37
DINOBRYON DIVERGENS	5.4	0.55
DINOBRYON FLAGELLATES	18.3	1.87
DINOFLAGELLATES	14.0	1.43
FLAGELLATES	220.7	22.53
FRAGILARIA CROTONENSIS	116.3	11.87
GLENODINIUM SP.	2.2	0.22
GLOEOCYSTIS PLANCTONICA	60.3	6.15
GLOEOCYSTIS SP.	60.3	6.15
GREEN COCCOID, UNKNOWN	82.9	8.46
MALLOMONAS SP.	2.2	0.22
MELOSIRA GRANULATA	1.1	0.11
PERIDINIUM SP.	2.2	0.22
STEPHANODISCUS MINUTUS	11.8	1.21
STEPHANODISCUS TENUIS	7.5	0.77
TABELLARIA FENESTRATA V. INTERMEDIA	2.2	0.22
TRACHELOMONAS SP.	3.2	0.33
TOTAL	979.8	100.0

SDC 4-0 NO.OF FORMS = 52 DIVERSITY = 3.17

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.1	0.10
ACHNANTHES SP.	0.3	0.02
AMPHORA OVALIS	0.5	0.05
AMPHORA SP.	0.5	0.05
ANABAENA FLOS-AQUAE	127.0	11.76
ANKISTRODESMUS FALCATUS	1.6	0.15
BICOECA PAROPSIS	0.5	0.05
CERATIUM HIRUNDINELLA	0.5	0.05
CHROMULINA #1	9.2	0.85
CHROMULINA PARVULA	83.7	7.75
CHRYSOPHYCEAN FLAGELLATE SPP.	0.5	0.05
CRYPTOMONAS SP.	0.8	0.07
CRYPTOPHYCEAN FLAGELLATES	4.3	0.40
CYCLOTELLA MICHIGANIANA	8.6	0.80
CYCLOTELLA SP.	3.0	0.27
CYCLOTELLA STELLIGERA	2.2	0.20
DINOBRYON DIVERGENS	10.2	0.95
DINOBRYON FLAGELLATES	1.3	0.12
DINOBRYON SOCIALE	0.5	0.05
DINOFLAGELLATES	11.8	1.10
FLAGELLATES	290.7	26.92
FRAGILARIA CROTONENSIS	54.6	5.06
FRAGILARIA INTERMEDIA	0.5	0.05
GLENODINIUM SP.	0.3	0.02
GLOEOCYSTIS PLANCTONICA	22.3	2.07
GLOEOCYSTIS SP.	258.1	23.90
GREEN COCCOID, UNKNOWN	69.4	6.43
MELOSIRA ITALICA	0.3	0.02
NAVICULA #78	0.8	0.07
NAVICULA CAPITATA	1.1	0.10
NAVICULA CRYPTOCEPHALA	0.3	0.02
NAVICULA DECUSSIS	1.1	0.10
NAVICULA GREGARIA	0.3	0.02
NAVICULA LATENS	0.3	0.02
NAVICULA MENISCULUS V. UPSALIENSIS	0.3	0.02
NAVICULA NYASSENSIS F. MINOR	0.8	0.07
NAVICULA SP.	1.9	0.17
NITZSCHIA ACICULARIS	0.5	0.05
NITZSCHIA KUETZINGIANA	0.3	0.02
NITZSCHIA PALEA	0.3	0.02
NITZSCHIA PALEACEA	1.1	0.10
NITZSCHIA SP.	1.6	0.15
PEDIASTRUM TETRAS V. TETRADON	2.2	0.20
PERIDINIUM SP.	91.5	8.47
SCENEDESMUS BICELLULARIS	2.2	0.20
SCENEDESMUS QUADRICAUDA V. LONGISPINA	1.1	0.10
SCENEDESMUS QUADRICAUDA	2.7	0.25
SCENEDESMUS SPINOSUS	1.1	0.10
STEPHANODISCUS ALPINUS	1.6	0.15
STEPHANODISCUS SP.	0.8	0.07
TABELLARIA FENESTRATA V. INTERMEDIA	1.1	0.10
TETRAEDRON MINIMUM	0.5	0.05
TOTAL	1079.9	100.0

SDC 4-1 NO.OF FORMS = 34 DIVERSITY = 2.97

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA SP.	0.3	0.04
ANABAENA FLOS-AQUAE	208.3	33.19
ANACYSTIS INCERTA	3.5	0.56
ANACYSTIS THERMALIS	0.5	0.09
ANKISTRODESMUS FALCATUS	0.5	0.09
CHROMULINA #1	10.2	1.63
CHROMULINA PARVULA	31.8	5.06
CHRYSOPHYCEAN FLAGELLATE SPP.	4.6	0.73
CLADOPHORA SP.	1.1	0.17
CRUCIGENIA TETRAPEDIA	1.1	0.17
CRYPTOMONAS SP.	1.6	0.26
CRYPTOPHYCEAN FLAGELLATES	1.9	0.30
CYCLOTELLA MICHIGANIANA	8.1	1.29
CYCLOTELLA SP.	0.8	0.13
CYCLOTELLA STELLIGERA	0.3	0.04
DINOBRYON DIVERGENS	5.1	0.81
DINOBRYON FLAGELLATES	0.3	0.04
DINOFLAGELLATES	3.8	0.60
FLAGELLATES	58.4	9.31
FRAGILARIA CROTONENSIS	7.5	1.20
GLOEOCYSTIS PLANCTONICA	79.7	12.69
GLOEOCYSTIS SP.	132.2	21.05
GREEN COCCOID, UNKNOWN	49.8	7.93
KIRCHNERIELLA SP.	1.3	0.21
MELOSIRA GRANULATA	0.5	0.09
NAVICULA GREGARIA	0.3	0.04
NAVICULA SP.	0.3	0.04
NITZSCHIA ACICULARIS	0.3	0.04
NITZSCHIA PALEACEA	0.3	0.04
PERIDINIUM SP.	10.5	1.67
SCENEDESMUS BICELLULARIS	1.1	0.17
SCENEDESMUS QUADRICAUDA	1.1	0.17
TABELLARIA FENESTRATA V. INTERMEDIA	0.5	0.09
TETRAEDRON MINIMUM	0.3	0.04
TOTAL	627.7	100.0

SDC 4-3 NO.OF FORMS = 33 DIVERSITY = 3.43
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. PEDICULUS	0.3	0.08
ANABAENA FLOS-AQUAE	9.7	2.92
ANACYSTIS THERMALIS	1.1	0.32
ANKISTRODESMUS FALCATUS	1.1	0.32
BICOECA PAROPSIS	1.6	0.49
CHROMULINA #1	6.2	1.87
CHROMULINA PARVULA	14.0	4.22
CHRYSOPHYCEAN FLAGELLATE SPP.	3.5	1.06
COSMARIUM #1	0.3	0.08
CRYPTOMONAS SP.	1.9	0.57
CYCLOTELLA KUETZINGIANA	0.3	0.08
CYCLOTELLA MICHIGANIANA	3.0	0.89
CYCLOTELLA OCELLATA	0.8	0.24
CYCLOTELLA STELLIGERA	4.6	1.38
DINOBRYON DIVERGENS	8.6	2.60
DINOBRYON FLAGELLATES	1.9	0.57
DINOFLAGELLATES	1.6	0.49
FLAGELLATE A	0.3	0.08
FLAGELLATES	49.8	15.02
FRAGILARIA CROTONENSIS	35.0	10.55
GLOEOCYSTIS PLANCTONICA	41.5	12.50
GLOEOCYSTIS SP.	72.1	21.75
GREEN COCCOID, UNKNOWN	58.4	17.61
GREEN COLONY, UNKNOWN	5.4	1.62
OOCYSTIS SP.	1.1	0.32
PERIDINIUM SP.	0.3	0.08
SCENEDESMUS BICELLULARIS	2.2	0.65
STEPHANODISCUS MINUTUS	1.3	0.41
STEPHANODISCUS SUBTILIS	2.2	0.65
TABELLARIA FENESTRATA V. INTERMEDIA	1.1	0.32
TABELLARIA SP.	0.3	0.08
TETRAEDRON MINIMUM	0.3	0.08
TRACHELOMONAS SP.	0.3	0.08
TOTAL	331.6	100.0

SDC 4-4 NO.OF FORMS = 22 DIVERSITY = 3.08
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	10.5	5.26
ANACYSTIS INCERTA	29.6	14.82
ANACYSTIS THERMALIS	1.6	0.81
ANKISTRODESMUS #3	0.3	0.13
CHROMULINA PARVULA	5.7	2.83
CHRYSOPHYCEAN FLAGELLATE SPP.	3.5	1.75
COSMARIUM #1	0.3	0.13
CRYPTOMONAS SP.	0.3	0.13
CRYPTOPHYCEAN FLAGELLATES	0.3	0.13
CYCLOTELLA COMTA	0.3	0.13
CYCLOTELLA KUETZINGIANA	0.3	0.13
CYCLOTELLA MICHIGANIANA	1.3	0.67
CYCLOTELLA OCELLATA	0.3	0.13
CYCLOTELLA STELLIGERA	5.9	2.96
DINOBRYON DIVERGENS	7.5	3.77
DINOFLAGELLATES	6.5	3.23
FLAGELLATES	43.3	21.70
GLENODINIUM SP.	0.3	0.13
GLOEOCYSTIS PLANCTONICA	60.3	30.19
GLOEOCYSTIS SP.	8.3	4.18
GREEN COCCOID, UNKNOWN	10.8	5.39
MALLOMONAS SP.	2.7	1.35
TOTAL	199.7	100.0

SDC 7-1 NO.OF FORMS = 30 DIVERSITY = 2.52
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	282.9	43.11
ANACYSTIS THERMALIS	1.6	0.25
ANKISTRODESMUS FALCATUS	0.8	0.12
ASTERIONELLA FORMOSA	3.5	0.53
BICOECA PAROPSIS	1.1	0.16
CHRYSOPHYCEAN FLAGELLATE SPP.	7.0	1.07
CRYPTOMONAS SP.	1.3	0.21
CRYPTOPHYCEAN FLAGELLATES	3.5	0.53
CYCLOTELLA COMTA	0.3	0.04
CYCLOTELLA KUETZINGIANA	1.3	0.21
CYCLOTELLA MICHIGANIANA	3.8	0.57
CYCLOTELLA STELLIGERA	8.9	1.35
DINOBRYON DIVERGENS	3.8	0.57
DINOBRYON FLAGELLATES	3.8	0.57
DINOFLAGELLATES	4.6	0.70
FLAGELLATES	139.7	21.29
GLOEOCYSTIS PLANCTONICA	15.1	2.30
GLOEOCYSTIS SP.	106.3	16.20
GREEN COCCOID, UNKNOWN	53.0	8.08
MELOSIRA ITALICA	0.3	0.04
NITZSCHIA KUETZINGIANA	0.3	0.04
OSCILLATORIA LIMNETICA	0.3	0.04
PERIDINIUM SP.	7.0	1.07
SCENEDESMUS QUADRICAUDA	1.1	0.16
STEPHANODISCUS MINUTUS	0.5	0.08
STEPHANODISCUS SUBTILIS	1.1	0.16
STEPHANODISCUS TENUIS	0.5	0.08
TABELLARIA FENESTRATA V. INTERMEDIA	1.9	0.29
TRACHELOMONAS SP.	0.8	0.12
TREUBARIA SETIGERUM	0.3	0.04
TOTAL	656.2	100.0

SDC 7-3 NO.OF FORMS = 29 DIVERSITY = 3.09
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	192.2	31.65
ANACYSTIS THERMALIS	1.6	0.27
ANKISTRODESMUS FALCATUS	0.5	0.09
ANKISTRODESMUS GELIFACTUM	1.1	0.18
BICOECA PAROPSIS	0.5	0.09
CHROMULINA #1	24.0	3.95
CHROMULINA PARVULA	29.6	4.88
CHRYSOPHYCEAN FLAGELLATE SPP.	3.8	0.62
COSMARIUM #1	1.3	0.22
CRYPTOMONAS SP.	3.0	0.49
CYCLOTELLA KUETZINGIANA	0.3	0.04
CYCLOTELLA MICHIGANIANA	3.2	0.53
CYCLOTELLA OCELLATA	1.3	0.22
CYCLOTELLA SP.	4.3	0.71
CYCLOTELLA STELLIGERA	5.9	0.98
DINOBRYON DIVERGENS	11.3	1.86
DINOBRYON SOCIALE	0.3	0.04
DINOFLAGELLATES	10.0	1.64
FLAGELLATES	63.3	10.42
FRAGILARIA CROTONENSIS	24.5	4.03
GLOEOCYSTIS PLANCTONICA	30.7	5.05
GLOEOCYSTIS SP.	130.8	21.54
GREEN COCCOID, UNKNOWN	58.9	9.71
KIRCHNERIELLA SP.	2.7	0.44
OSCILLATORIA LIMNETICA	0.3	0.04
PERIDINIUM SP.	0.3	0.04
STEPHANODISCUS MINUTUS	1.1	0.18
SYNEDRA FILIFORMIS	0.3	0.04
TETRAEDRON MINIMUM	0.3	0.04
TOTAL	607.2	100.0

SDC 7-5 NO.OF FORMS = 26 DIVERSITY = 2.65
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	307.4	48.95
ANACYSTIS INCERTA	32.3	5.14
ANACYSTIS THERMALIS	5.4	0.86
ANKISTRODESMUS #3	1.3	0.21
ASTERIONELLA FORMOSA	0.3	0.04
CHRYSOPHYCEAN FLAGELLATE SPP.	4.0	0.64
COSMARIUM #1	1.1	0.17
CRYPTOMONAS SP.	1.6	0.26
CRYPTOPHYCEAN FLAGELLATES	4.3	0.69
CYCLOTELLA KUETZINGIANA	5.9	0.94
CYCLOTELLA MICHIGANIANA	8.9	1.41
CYCLOTELLA OCELLATA	0.3	0.04
CYCLOTELLA STELLIGERA	75.4	12.00
DINOBRYON DIVERGENS	1.9	0.30
DINOBRYON FLAGELLATES	5.7	0.90
DINOBRYON SOCIALE	1.3	0.21
DINOFLAGELLATES	9.7	1.54
FLAGELLATE A	0.5	0.09
FLAGELLATES	58.9	9.39
GLOEOCYSTIS PLANCTONICA	3.2	0.51
GLOEOCYSTIS SP.	25.6	4.07
GREEN COCCOID, UNKNOWN	66.5	10.59
MALLOMONAS SP.	3.2	0.51
PERIDINIUM SP.	1.9	0.30
SCENEDESMUS SP.	0.5	0.09
TABELLARIA FENESTRATA V. INTERMEDIA	0.8	0.13
TOTAL	628.0	100.0

PHYTOPLANKTON COLLECTIONS, 17 OCTOBER 1975

DC-C NO.OF FORMS =102 DIVERSITY = 4.34

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.6	0.08
ACHNANTHES SP.	2.2	0.11
AMPHIPLEURA PELLUCIDA	0.5	0.03
AMPHORA OVALIS V. CONSTRICTA	2.2	0.11
AMPHORA OVALIS V. PEDICULUS	2.7	0.13
AMPHORA SIBIRICA	1.1	0.05
AMPHORA SP.	3.2	0.16
ANABAENA FLOS-AQUAE	56.5	2.77
ANACYSTIS INCEPTA	403.7	19.76
ANACYSTIS SP.	2.2	0.11
ANACYSTIS THERMALIS	11.8	0.58
ANKISTRODESMUS #3	2.7	0.13
ANKISTRODESMUS FALCATUS	0.5	0.03
ANKISTRODESMUS GELIFACTUM	1.1	0.05
ASTERIONELLA FORMOSA	117.4	5.74
CALONEIS SP.	0.5	0.03
CALONEIS VENTRICOSA V. MINUTA	0.5	0.03
CHROMULINA #1	5.9	0.29
CHROMULINA #2	9.2	0.45
CHROMULINA PARVULA	58.7	2.87
CHRYSOPHYCEAN FLAGELLATE SPP.	63.5	3.11
CLADOPHORA SP.	3.2	0.16
COSMARIUM #1	0.5	0.03
CRUCIGENIA QUADRATA	10.8	0.53
CRYPTOMONAS SP.	24.8	1.21
CYCLOTELLA COMTA	2.2	0.11
CYCLOTELLA KUETZINGIANA	15.1	0.74
CYCLOTELLA MENEGHINIANA	0.5	0.03
CYCLOTELLA MICHIGANIANA	56.5	2.77
CYCLOTELLA OCELLATA	2.7	0.13
CYCLOTELLA SP.	3.2	0.16
CYCLOTELLIA STELLIGERA	2.7	0.13
DINOBRYON DIVERGENS	47.4	2.32
DINOBRYON FLAGELLATES	12.4	0.61
DINOFLAGELLATES	4.8	0.24
DIPLONEIS OCULATA	0.5	0.03
FLAGELLATE A	1.1	0.05
FLAGELLATES	235.3	11.51
FRAGILARIA CONSTRUENS	7.0	0.34
FRAGILARIA CONSTRUENS V. VENTER	3.8	0.18
FRAGILARIA CROTONENSIS	255.7	12.51
FRAGILARIA PINNATA	4.3	0.21
FRAGILARIA PINNATA V. LANCETTULA	1.6	0.08
FRAGILARIA SP.	1.1	0.05
FRAGILARIA VAUCHERIAE	0.5	0.03
FRAGILARIA VAUCHERIAE V. CAPITELLATA	1.1	0.05
GLOEOCYSTIS PLANCTONICA	5.4	0.26
GLOEOCYSTIS SP.	40.4	1.98
GOMPHONEMA OLIVACEUM	2.2	0.11
GOMPHOSPHAERIA LACUSTRIS	43.1	2.11
GREEN CELLS, UNDETERMINED	2.7	0.13
MALLOMONAS PSEUDOCORONATA	0.5	0.03
MELOSIRA GRANULATA	5.4	0.26
MELOSIRA ITALICA	0.5	0.03
MOUGEOTIA SP.	3.2	0.16
NAVICULA ANGLICA V. SUBSALSA	1.1	0.05
NAVICULA AURORA	0.5	0.03
NAVICULA CAPITATA	0.5	0.03
NAVICULA CAPITATA V. LUNEBURGENSIS	1.1	0.05
NAVICULA DECUSSIS	2.2	0.11
NAVICULA EXIGUA V CAPITATA	1.1	0.05
NAVICULA EXIGUAFORMIS	1.1	0.05
NAVICULA GREGARIA	0.5	0.03
NAVICULA LATENS	2.7	0.13
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.03
NAVICULA PUPULA	1.1	0.05
NAVICULA SP.	5.4	0.26
NITZSCHIA #10	0.5	0.03
NITZSCHIA #1	2.2	0.11
NITZSCHIA ACICULARIS	14.5	0.71
NITZSCHIA ACUTA	1.6	0.08
NITZSCHIA BACATA	0.5	0.03
NITZSCHIA CAPITELLATA	0.5	0.03
NITZSCHIA CONFINIS	9.7	0.47
NITZSCHIA DISSIPATA	6.5	0.32
NITZSCHIA FONTICOLA	8.1	0.40
NITZSCHIA KUETZINGIANA	1.1	0.05
NITZSCHIA LINEARIS	0.5	0.03
NITZSCHIA PALEACEA	6.5	0.32
NITZSCHIA RECTA	0.5	0.03
NITZSCHIA SUBLINEARIS	1.1	0.05
OCHROMONAS SP.	179.8	8.80
OOCYSTIS SP.	2.2	0.11
OSCILLATORIA SP.	3.2	0.16
RHIZOSOLENIA ERIENSIS	3.2	0.16
RHIZOSOLENIA GRACILIS	0.5	0.03
SCENEDESMUS ACUMINATUS	2.2	0.11
SCENEDESMUS BICELLULARIS	11.8	0.58
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.11
SCENEDESMUS QUADRICAUDA	2.2	0.11
SCENEDESMUS SP.	3.2	0.16
STEPHANODISCUS ALPINUS	4.8	0.24
STEPHANODISCUS MINUTUS	9.2	0.45
STEPHANODISCUS SP.	2.2	0.11
STEPHANODISCUS SUBTILIS	6.5	0.32
STEPHANODISCUS TENUIS	0.5	0.03
SURIRELLA ANGUSTA	0.5	0.03
SYNEDRA ELLIPTICA	127.6	6.24
SYNEDRA MINUSCULA	3.2	0.16
TABELLARIA FENESTRATA	1.1	0.05
TABELLARIA FENESTRATA V. INTERMEDIA	52.8	2.58
TABELLARIA FLOCCULOSA	3.2	0.16
TOTAL	2048.5	100.0

DC-1 NO.OF FORMS = 72 DIVERSITY = 4.52
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	0.5	0.04
AMPHIPLEURA PELLUCIDA	0.5	0.04
AMPHORA OVALIS	0.5	0.04
AMPHORA OVALIS V. PEDICULUS	0.5	0.04
AMPHORA SP.	3.2	0.25
AMPHORA #3	0.5	0.04
ANABAENA FLOS-AQUAE	28.0	2.18
ANACYSTIS INCERTA	8.1	0.63
ANACYSTIS THERMALIS	82.9	6.45
ANKISTRODESMUS #3	2.2	0.17
ANKISTRODESMUS GELIFACTUM	1.1	0.08
ASTERIONELLA FORMOSA	109.3	8.50
CALONEIS VENTRICOSA V. MINUTA	1.6	0.13
CHRYSOPHYCEAN FLAGELLATE SPP.	40.4	3.14
COSMARIUM #1	0.5	0.04
CRYPTOMONAS SP.	16.1	1.26
CYCLOTELLA COMENSIS	18.3	1.42
CYCLOTELLA KUETZINGIANA	19.4	1.51
CYCLOTELLA MENEGHINIANA	0.5	0.04
CYCLOTELLA MICHIGANIANA	11.8	0.92
CYCLOTELLA OPERCULATA	2.2	0.17
CYCLOTELLA SP.	66.2	5.15
CYMBELLA SP.	0.5	0.04
DINOBRYON BAVARICUM	15.6	1.21
DINOBRYON DIVERGENS	114.7	8.92
DINOBRYON FLAGELLATES	7.0	0.54
DINOBRYON SOCIALE	0.5	0.04
DINOFLAGELLATES	4.8	0.38
FLAGELLATES	94.2	7.33
FRAGILARIA CAPUCINA V. LANCEOLATA	17.8	1.38
FRAGILARIA CROTONENSIS	149.1	11.59
FRAGILARIA PINNATA	0.5	0.04
FRAGILARIA SP.	1.1	0.08
GLOEOCYSTIS PLANCTONICA	10.8	0.84
GLOEOCYSTIS SP.	16.7	1.30
GOMPHOSPHAERIA LACUSTRIS	145.3	11.30
GREEN COCCOID, UNKNOWN	7.0	0.54
JAGERHEIMIA CILIATA	0.5	0.04
MALLOMONAS SP.	1.6	0.13
MELOSIRA GRANULATA	5.4	0.42
MELOSIRA SP.	0.5	0.04
MICRACTINIUM SP.	0.5	0.04
NAVICULA CAPITATA V. LUNEBURGENSIS	0.5	0.04
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.04
NAVICULA SP.	4.3	0.33
NITZSCHIA #1	0.5	0.04
NITZSCHIA #2	0.5	0.04
NITZSCHIA ACICULARIS	8.1	0.63
NITZSCHIA CONFINIS	3.2	0.25
NITZSCHIA DISSIPATA	0.5	0.04
NITZSCHIA FONTICOLA	1.6	0.13
NITZSCHIA KUETZINGIANA	4.3	0.33
NITZSCHIA PALEA	1.6	0.13
NITZSCHIA PALEACEA	5.4	0.42
NITZSCHIA SP.	24.8	1.93
OCHROMONAS SP.	33.4	2.60
OSCILLATORIA SP.	1.1	0.08
RHIZOSOLENIA ERIENSIS	3.8	0.29
SCENEDESMUS BICELLULARIS	1.1	0.08
SCENEDESMUS QUADRICAUDA	6.5	0.50
SCENEDESMUS SP.	2.2	0.17
SPHAEROCYSTIS SP.	5.4	0.42
STEPHANODISCUS ALPINUS	9.2	0.71
STEPHANODISCUS MINUTUS	2.7	0.21
STEPHANODISCUS SP.	6.5	0.50
STEPHANODISCUS SUBTILIS	0.5	0.04
STEPHANODISCUS TENUIS	3.2	0.25
SYNEDRA FILIFORMIS	101.7	7.91
SYNEDRA SP.	1.1	0.08
SYNEDRA #9	0.5	0.04
TABELLARIA FENESTRATA	3.8	0.29
TABELLARIA FENESTRATA V. INTERMEDIA	38.8	3.01
TOTAL	1286.1	100.0

DC-2 NO.OF FORMS = 88 DIVERSITY = 4.30

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	0.5	0.03
AMPHIPLURA PELLUCIDA	1.1	0.05
AMPHORA OVALIS	1.6	0.08
AMPHORA OVALIS V. CONSTRICTA	0.5	0.03
AMPHORA OVALIS V. LIBYCA	0.5	0.03
AMPHORA OVALIS V. PEDICULUS	1.1	0.05
AMPHORA SP.	1.6	0.08
ANABAENA FLOS-AQUAE	53.8	2.72
ANACYSTIS INCERTA	309.5	15.63
ANACYSTIS THERMALIS	38.8	1.96
ANKISTRODESMUS FALCATUS	0.5	0.03
ANKISTRODESMUS GELIFACTUM	4.3	0.22
ASTERIONELLA FORMOSA	53.8	2.72
BITRICHIA SP.	1.1	0.05
CALONEIS SP.	0.5	0.03
CHROMULINA #1	2.7	0.14
CHROMULINA #2	9.2	0.46
CHROMULINA PARVULA	4.3	0.22
CHRYSOPHYCEAN FLAGELLATE SPP.	146.4	7.40
COSMARIUM #1	0.5	0.03
CRYPTOMONAD SP.	0.5	0.03
CRYPTOMONAS SP.	27.5	1.39
CYCLOTELLA COMENSIS	11.3	0.57
CYCLOTELLA COMTA	3.8	0.19
CYCLOTELLA KUETZINGIANA	22.6	1.14
CYCLOTELLA MICHIGANIANA	11.8	0.60
CYCLOTELLA OCELLATA	1.1	0.05
CYCLOTELLA SP.	68.9	3.48
CYCLOTELLA STELLIGERA	2.2	0.11
DIATOMA VULGARE	0.5	0.03
DINOBRYON BAVARICUM	12.9	0.65
DINOBRYON CYSTS	0.5	0.03
DINOBRYON DIVERGENS	99.1	5.00
DINOBRYON FLAGELLATES	3.2	0.16
DINOFLAGELLATES	5.4	0.27
FLAGELLATE A	1.6	0.08
FLAGELLATES	173.3	8.75
FRAGILARIA CROTONENSIS	149.1	7.53
FRAGILARIA SP.	1.1	0.05
GLOEOCYSTIS PLANCTONICA	14.5	0.73
GLOEOCYSTIS SP.	46.3	2.34
GOLENKINIA RADIATA	0.5	0.03
GOMPHOSPHAERIA LACUSTRIS	231.5	11.69
GREEN COCCOID, UNKNOWN	2.2	0.11
MALLOMONAS PSEUDOCORONATA	0.5	0.03
MELOSIRA GRANULATA	5.4	0.27
NAVICULA #73	0.5	0.03
NAVICULA CAPITATA	1.1	0.05
NAVICULA DECUSSIS	1.1	0.05
NAVICULA LATENS	1.1	0.05
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.03
NAVICULA MICROPUPULA	0.5	0.03
NAVICULA PUPULA	0.5	0.03
NAVICULA SP.	2.2	0.11
NITZSCHIA #1	2.7	0.14
NITZSCHIA #8	1.1	0.05
NITZSCHIA ACICULARIS	6.5	0.33
NITZSCHIA BACATA	0.5	0.03
NITZSCHIA CONFINIS	1.6	0.08
NITZSCHIA PONTICOLA	2.2	0.11
NITZSCHIA KUETZINGIANA	1.1	0.05
NITZSCHIA LINEARIS	0.5	0.03
NITZSCHIA PALEA	0.5	0.03
NITZSCHIA PALEACEA	3.8	0.19
NITZSCHIA RECTA	0.5	0.03
NITZSCHIA SP.	8.1	0.41
OCHROMONAS SP.	243.3	12.29
OOCYSTIS SP.	2.2	0.11
OSCILLATORIA LIMNETICA	0.5	0.03
PERIDINIUM SP.	0.5	0.03
RHIZOSOLENIA ERIENSIS	2.7	0.14
SCENEDESMUS ACUMINATUS	2.2	0.11
SCENEDESMUS BICELLULARIS	10.8	0.54
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.3	0.22
SCENEDESMUS QUADRICAUDA	6.5	0.33
SCENEDESMUS SP.	10.8	0.54
SPHAEROCYSTIS SP.	21.5	1.09
STEPHANODISCUS ALPINUS	10.2	0.52
STEPHANODISCUS BINDERANUS	0.5	0.03
STEPHANODISCUS MINUTUS	1.6	0.08
STEPHANODISCUS SP.	0.5	0.03
STEPHANODISCUS SUBTILIS	3.2	0.16
STEPHANODISCUS TENUIS	2.2	0.11
SYNEDRA FILIFORMIS	63.0	3.18
SYNEDRA MINUSCULA	7.0	0.35
TABELLARIA FENESTRATA	1.1	0.05
TABELLARIA FENESTRATA V. INTERMEDIA	18.3	0.92
TETRAEDRON MINIMUM	0.5	0.03
TOTAL	1980.0	100.0

DC-3 NO.OF FORMS = 89 DIVERSITY = 3.94
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	2.2	0.08
AMPHIPLEURA PELLUCIDA	2.2	0.08
AMPHORA OVALIS V. PEDICULUS	1.6	0.06
AMPHORA SP.	1.1	0.04
ANABAENA FLOS-AQUAE	189.0	6.73
ANACYSTIS INCERTA	532.9	18.99
ANACYSTIS SP.	4.3	0.15
ANACYSTIS THERMALIS	102.3	3.64
ANKISTRODESMUS #3	1.6	0.06
ANKISTRODESMUS FALCATUS	1.1	0.04
ANKISTRODESMUS GELIFACTUM	2.7	0.10
ASTERIONELLA FORMOSA	75.9	2.70
BICOECA PAROPSIS	0.5	0.02
BITRICHIA SP.	2.7	0.10
CHROMULINA #1	3.8	0.13
CHROMULINA #2	7.0	0.25
CHROMULINA PARVULA	18.8	0.67
CHRYSOPHYCEAN FLAGELLATE SPP.	127.6	4.55
CLADOPHORA SP.	3.8	0.13
CRUCIGENIA QUADRATA	17.2	0.61
CRYPTOMONAS SP.	21.5	0.77
CYCLOTELLA COMENSIS	6.6	0.31
CYCLOTELLA COMTA	3.2	0.12
CYCLOTELLA KUETZINGIANA	30.7	1.09
CYCLOTELLA MICHIGANIANA	20.5	0.73
CYCLOTELLA OPERCULATA	0.5	0.02
CYCLOTELLA SP.	57.6	2.05
DINOBRYON BAVARICUM	5.4	0.19
DINOBRYON DIVERGENS	141.0	5.03
DINOBRYON FLAGELLATES	12.9	0.46
DINOBRYON SP.	0.5	0.02
DINOFLAGELLATES	3.8	0.13
ELAKATOTHRIX GELATINOSA	1.1	0.04
FLAGELLATE A	1.1	0.04
FLAGELLATE B	0.5	0.02
FLAGELLATES	236.3	8.42
FRAGILARIA CROTONENSIS	105.0	3.74
FRAGILARIA PINNATA	0.5	0.02
FRAGILARIA SP.	0.5	0.02
GLOEOCYSTIS PLANCTONICA	28.5	1.02
GLOEOCYSTIS SP.	10.8	0.38
GOMPHONEMA OLIVACEUM	0.5	0.02
GOMPHOSPHAERIA LACUSTRIS	565.2	20.14
GREEN CELLS, UNDETERMINED	2.2	0.08
GREEN COCCOID, UNKNOWN	5.4	0.19
KIRCHNERIELLA SP.	0.5	0.02
MALLOMONAS PSEUDOCORONATA	2.2	0.08
MELOSIRA GRANULATA	0.5	0.02
NAVICULA #78	**1.1**	**0.04**
NAVICULA ANGLICA V. SUBSALSA	0.5	0.02
NAVICULA COSTULATA	0.5	0.02
NAVICULA CRYPTOCEPHALA V. VENETA	2.2	0.08
NAVICULA EXIGUA V CAPITATA	0.5	0.02
NAVICULA LATENS	0.5	0.02
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.02
NAVICULA RADIOSA V. TENELLA	0.5	0.02
NAVICULA SP.	3.2	0.12
NITZSCHIA #1	0.5	0.02
NITZSCHIA #8	1.1	0.04
NITZSCHIA ACICULARIS	3.8	0.13
NITZSCHIA CAPITELLATA	0.5	0.02
NITZSCHIA CONTINIS	2.7	0.10
NITZSCHIA DISSIPATA	1.1	0.04
NITZSCHIA FONTICOLA	2.2	0.08
NITZSCHIA KUETZINGIANA	1.1	0.04
NITZSCHIA PALEA	0.5	0.02
NITZSCHIA PALEACEA	2.2	0.08
NITZSCHIA SP.	2.7	0.10
NITZSCHIA SUBLINEARIS	1.1	0.04
OCHROMONAS SP.	293.4	10.45
OSCILLATORIA LIMNETICA	1.1	0.04
PEDIASTRUM DUPLEX V. GRACILLIMUM	4.3	0.15
PERIDINIUM SP.	0.5	0.02
RHIZOSOLENIA ERIENSIS	6.5	0.23
SCENEDESMUS BICELLULARIS	6.5	0.23
SCENEDESMUS BIJUGA V. ALTERNANS	4.3	0.15
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.08
SCENEDESMUS SP.	1.1	0.04
SCENEDESMUS TETRADESMIFORMIS	2.2	0.08
STEPHANODISCUS ALPINUS	4.8	0.17
STEPHANODISCUS MINUTUS	4.3	0.15
STEPHANODISCUS SP.	9.2	0.33
STEPHANODISCUS SUBTILIS	5.9	0.21
STEPHANODISCUS TENUIS	1.6	0.06
SURIRELLA ANGUSTA	0.5	0.02
SYNEDRA PILIFORMIS	42.5	1.52
SYNEDRA SP.	1.1	0.04
TABELLARIA FENESTRATA V. INTERMEDIA	17.8	0.63
TABELLARIA FLOCCULOSA	2.2	0.08
TOTAL	2806.3	100.0

DC-4 NO.OF FORMS = 72 DIVERSITY = 3.47

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.1	0.03
AMPHIPLEURA PELLUCIDA	0.5	0.02
AMPHORA OVALIS V. PEDICULUS	1.6	0.05
AMPHORA SP.	1.1	0.03
ANABAENA FLOS-AQUAE	145.9	4.71
ANACYSTIS INCERTA	1165.5	37.66
ANACYSTIS THERMALIS	51.7	1.67
ANKISTRODESMUS #3	1.1	0.03
ANKISTRODESMUS FALCATUS	0.5	0.02
ANKISTRODESMUS GELIFACTUM	1.1	0.03
ASTERIONELLA FORMOSA	103.9	3.36
CHRYSOPHYCEAN FLAGELLATE SPP.	95.3	3.08
CLADOPHORA SP.	2.7	0.09
CRUCIGENIA QUADRATA	6.5	0.21
CRYPTOMONAS SP.	28.0	0.90
CYCLOTELLA AUXOSPORE	0.5	0.02
CYCLOTELLA COMENSIS	48.4	1.57
CYCLOTELLA COMTA	1.1	0.03
CYCLOTELLA CRYPTICA	0.5	0.02
CYCLOTELLA KUETZINGIANA	32.3	1.04
CYCLOTELLA MICHIGANIANA	29.6	0.96
CYCLOTELLA OCELLATA	19.9	0.64
CYCLOTELLA STELLIGERA	1.1	0.03
DINOBRYON BAVARICUM	5.9	0.19
DINOBRYON DIVERGENS	131.4	4.24
DINOBRYON FLAGELLATES	4.3	0.14
DINOFLAGELLATES	8.1	0.26
FLAGELLATE A	8.1	0.26
FLAGELLATES	347.8	11.24
FRAGILARIA CAPUCINA V. LANCEOLATA	29.1	0.94
FRAGILARIA CROTONENSIS	126.0	4.07
FRAGILARIA LEPTOSTAURON	0.5	0.02
GLOEOCYSTIS PLANCTONICA	23.1	0.75
GLOEOCYSTIS SP.	18.8	0.61
GOLENKINIA SP.	1.1	0.03
GOMPHOSPHAERIA LACUSTRIS	376.8	12.18
HALLOMONAS PSEUDOCORONATA	2.2	0.07
MELOSIRA GRANULATA	3.8	0.12
NAVICULA ANGLICA V. SIGNATA	0.5	0.02
NAVICULA CAPITATA V. LUNEBURGENSIS	1.1	0.03
NAVICULA DECUSSIS	0.5	0.02
NAVICULA LATENS	0.5	0.02
NITZSCHIA #1	0.5	0.02
NITZSCHIA ACICULARIS	2.2	0.07
NITZSCHIA CONFINIS	0.5	0.02
NITZSCHIA DISSIPATA	0.5	0.02
NITZSCHIA KUETZINGIANA	1.6	0.05
NITZSCHIA PALEA	0.5	0.02
NITZSCHIA PALEACEA	1.1	0.03
NITZSCHIA SP.	1.6	0.05
OCHROMONAS SP.	115.2	3.72
OOCYSTIS SP.	2.2	0.07
OSCILLATORIA RETZII	0.5	0.02
OSCILLATORIA SP.	1.1	0.03
RHIZOSOLENIA ERIENSIS	1.1	0.03
RHIZOSOLENIA GRACILIS	2.2	0.07
RHIZOSOLENIA SP.	0.5	0.02
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.07
SCENEDESMUS QUADRICAUDA	4.3	0.14
SCENEDESMUS SP.	2.2	0.07
SPHAEROCYSTIS SCHROETERI	22.1	0.71
STAURASTRUM PARADOXICUM	1.1	0.03
STEPHANODISCUS ALPINUS	1.6	0.05
STEPHANODISCUS MINUTUS	3.2	0.10
STEPHANODISCUS SUBTILIS	0.5	0.02
STEPHANODISCUS TENUIS	5.9	0.19
SURIRELLA ANGUSTA	0.5	0.02
SYNEDRA FILIFORMIS	36.1	1.17
SYNEDRA SP.	0.5	0.02
TABELLARIA FENESTRATA V. INTERMEDIA	52.2	1.69
TABELLARIA FLOCCULOSA	0.5	0.02
TETRASTRUM STAUROGENIAEFORME	1.1	0.03
TOTAL	3094.9	100.0

DC-5 NO.OF FORMS = 47 DIVERSITY = 3.43
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/mL	PERCENT
AMPHORA OVALIS	0.5	0.04
AMPHORA SP.	0.5	0.04
ANABAENA FLOS-AQUAE	30.1	2.08
ANACYSTIS INCERTA	323.0	22.34
ANACYSTIS THERMALIS	30.1	2.08
ASTERIONELLA FORMOSA	57.6	3.98
CERATIUM HIRUNDINELLA	0.5	0.04
CHROMULINA PARVULA	1.6	0.11
CHRYSOPHYCEAN FLAGELLATE SPP.	23.7	1.64
CRYPTOMONAS SP.	43.6	3.02
CYCLOTELLA COMENSIS	6.5	0.45
CYCLOTELLA COMTA	1.1	0.07
CYCLOTELLA KUETZINGIANA	6.5	0.45
CYCLOTELLA MENEGHINIANA	0.5	0.04
CYCLOTELLA MICHIGANIANA	14.0	0.97
CYCLOTELLA OCELLATA	4.3	0.30
CYCLOTELLA OPERCULATA	1.1	0.07
CYCLOTELLA SP.	5.4	0.37
CYCLOTELLA STELLIGERA	0.5	0.04
DINOBRYON BAVARICUM	2.2	0.15
DINOBRYON DIVERGENS	31.8	2.20
DINOFLAGELLATES	3.8	0.26
FLAGELLATE A	0.5	0.04
FLAGELLATES	383.3	26.51
FRAGILARIA CAPUCINA	3.2	0.22
FRAGILARIA CROTONENSIS	78.6	5.44
GLOEOCYSTIS PLANCTONICA	75.4	5.21
GLOEOCYSTIS SP.	3.8	0.26
GOMPHOSPHAERIA LACUSTRIS	134.6	9.31
GREEN CELLS, UNDETERMINED	0.5	0.04
NITZSCHIA #2	0.5	0.04
NITZSCHIA ACICULARIS	0.5	0.04
NITZSCHIA ACUTA	0.5	0.04
NITZSCHIA DISSIPATA	1.1	0.07
NITZSCHIA SP.	0.5	0.04
OCHROMONAS SP.	131.4	9.08
OSCILLATORIA LIMNETICA	1.1	0.07
PERIDINIUM SP.	0.5	0.04
RHIZOSOLENIA ERIENSIS	1.6	0.11
SCENEDESMUS SP.	2.2	0.15
STEPHANODISCUS MINUTUS	1.6	0.11
STEPHANODISCUS TENUIS	1.6	0.11
SYNEDRA FILIFORMIS	3.2	0.22
SYNEDRA RADIANS	1.1	0.07
SYNEDRA RUMPENS V. MENEGHINIANA	0.5	0.04
TABELLARIA FENESTRATA V. INTERMEDIA	23.1	1.60
TETRASTRUM STAUROGENIAEFORME	5.9	0.41
TOTAL	1446.0	100.0

DC-6 STATION NOT TAKEN -- TOO ROUGH

NDC.5-C NO.OF FORMS = 82 DIVERSITY = 3.90
COUNTED BY: N.S.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	0.5	0.02
AMPHIPLEURA PELLUCIDA	1.6	0.07
AMPHORA OVALIS	0.5	0.02
AMPHORA OVALIS V. CONSTRICTA	0.5	0.02
AMPHORA OVALIS V. PEDICULUS	1.6	0.07
AMPHORA SP.	2.7	0.12
ANABAENA FLOS-AQUAE	175.0	7.76
ANACYSTIS INCERTA	527.6	23.39
ANACYSTIS THERMALIS	82.9	3.68
ANKISTRODESMUS #3	1.1	0.05
ANKISTRODESMUS FALCATUS	0.5	0.02
ANKISTRODESMUS GELIFACTUM	1.1	0.05
ASTERIONELLA FORMOSA	141.6	6.28
BITRICHIA SP.	0.5	0.02
CHROMULINA #2	6.5	0.29
CHROMULINA PARVULA	1.6	0.07
CHRYSOPHYCEAN FLAGELLATE SPP.	52.8	2.34
COELASTRUM SP.	18.8	0.84
CRUCIGENIA QUADRATA	8.6	0.38
CRYPTOMONAD SP.	1.1	0.05
CRYPTOMONAS SP.	22.1	0.98
CYCLOTELLA COMENSIS	1.1	0.05
CYCLOTELLA COMTA	3.2	0.14
CYCLOTELLA KUETZINGIANA	14.5	0.64
CYCLOTELLA MICHIGANIANA	2.2	0.10
CYCLOTELLA OCELLATA	0.5	0.02
CYCLOTELLA SP.	43.1	1.91
CYMATOPLEURA SOLEA	0.5	0.02
CYMATOPLEURA SOLEA V. APICULATA	0.5	0.02
CYMBELLA SP.	1.1	0.05
DINOBRYON BAVARICUM	14.5	0.64
DINOBRYON DIVERGENS	67.3	2.98
DINOFLAGELLATES	3.8	0.17
FLAGELLATES	110.9	4.92
FRAGILARIA CAPUCINA V. LANCEOLATA	14.5	0.64
FRAGILARIA CROTONENSIS	440.9	19.55
FRAGILARIA PINNATA	1.1	0.05
FRAGILARIA SP.	4.8	0.21
GLOEOCYSTIS PLANCTONICA	16.7	0.74
GLOEOCYSTIS SP.	21.0	0.93
GOMPHONEMA OLIVACEUM	0.5	0.02
GOMPHONEMA SP.	1.1	0.05
GOMPHOSPHAERIA LACUSTRIS	204.6	9.07
GREEN CELLS, UNDETERMINED	1.1	0.05
GREEN COCCOID, UNKNOWN	1.1	0.05
MELOSIRA DISTANS	1.6	0.07
NAVICULA #78	2.2	0.10
NAVICULA CAPITATA	1.1	0.05
NAVICULA CAPITATA V. LUNEBURGENSIS	2.2	0.10
NAVICULA CLEMENTIS V. QUADRISTIGMATA	0.5	0.02
NAVICULA DECUSSIS	1.6	0.07
NAVICULA LATENS	2.7	0.12
NAVICULA SP.	5.4	0.24
NITZSCHIA #1	2.2	0.10
NITZSCHIA ACICULARIS	10.8	0.48
NITZSCHIA ACUTA	1.1	0.05
NITZSCHIA BACATA	1.6	0.07
NITZSCHIA CONFINIS	3.2	0.14
NITZSCHIA DISSIPATA	3.2	0.14
NITZSCHIA KUETZINGIANA	0.5	0.02
NITZSCHIA LINEARIS	0.5	0.02
NITZSCHIA PALEA	1.6	0.07
NITZSCHIA PALEACEA	2.2	0.10
NITZSCHIA RECTA	0.5	0.02
NITZSCHIA SP.	10.2	0.45
OCHROMONAS SP.	44.7	1.98
OSCILLATORIA SP.	1.1	0.05
SCENEDESMUS ACUMINATUS	2.2	0.10
SCENEDESMUS BICELLULARIS	3.2	0.14
SCENEDESMUS QUADRICAUDA	4.3	0.19
SCENEDESMUS SP.	4.3	0.19
STEPHANODISCUS ALPINUS	2.7	0.12
STEPHANODISCUS MINUTUS	5.4	0.24
STEPHANODISCUS SP.	5.4	0.24
STEPHANODISCUS SUBTILIS	0.5	0.02
SURIRELLA ANGUSTA	1.6	0.07
SYNEDRA DEMERARAE	1.1	0.05
SYNEDRA FILIFORMIS	60.3	2.67
SYNEDRA OSTENFELDII	0.5	0.02
TABELLARIA FENESTRATA V. INTERMEDIA	39.8	1.77
TABELLARIA FLOCCULOSA	0.5	0.02
ULOTHRIX SP.	2.7	0.12
TOTAL	2255.1	100.0

NDC.5-1 NO.OF FORMS = 87 DIVERSITY = 4.23

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES #30	0.5	0.02
ACHNANTHES CLEVEI V. ROSTRATA	2.2	0.10
AMPHIPLEURA PELLUCIDA	1.6	0.07
AMPHIPRORA ORNATA	0.5	0.02
AMPHORA OVALIS	1.1	0.05
AMPHORA OVALIS V. PEDICULUS	4.8	0.22
AMPHORA SIBIRICA	1.1	0.05
AMPHORA SP.	4.8	0.22
ANABAENA FLOS-AQUAE	37.1	1.67
ANACYSTIS INCERTA	123.8	5.58
ANACYSTIS THERMALIS	91.0	4.10
ASTERIONELLA FORMOSA	210.5	9.49
CALONEIS SP.	0.5	0.02
CHRYSOPHYCEAN FLAGELLATE SPP.	59.8	2.69
COSMARIUM #1	0.5	0.02
CRYPTOMONAS SP.	25.8	1.17
CYCLOTELLA COMENSIS	39.3	1.77
CYCLOTELLA KUETZINGIANA	36.1	1.63
CYCLOTELLA MENEGHINIANA	0.5	0.02
CYCLOTELLA MICHIGANIANA	33.9	1.53
CYCLOTELLA OCELLATA	19.4	0.87
CYCLOTELLA SP.	9.7	0.44
CYMATOPLEURA SOLEA	0.5	0.02
CYMBELLA PROSTRATA	0.5	0.02
CYMBELLA SP.	0.5	0.02
DIATOMA SP.	1.1	0.05
DINOBRYON BAVARICUM	4.3	0.19
DINOBRYON DIVERGENS	207.3	9.34
DINOBRYON FLAGELLATES	10.2	0.46
DINOFLAGELLATES	2.7	0.12
DIPLONEIS OCULATA	0.5	0.02
DIPLONEIS PARMA	0.5	0.02
FLAGELLATES	100.1	4.51
FRAGILARIA BREVISTRIATA V. INFLATA	0.5	0.02
FRAGILARIA CAPUCINA V. LANCEOLATA	10.2	0.46
FRAGILARIA CROTONENSIS	391.4	17.65
FRAGILARIA PINNATA	10.8	0.49
FRAGILARIA SP.	1.6	0.07
GLOEOCYSTIS PLANCTONICA	15.1	0.68
GLOEOCYSTIS SP.	12.9	0.58
GOMPHONEMA SP.	0.5	0.02
GOMPHOSPHAERIA LACUSTRIS	336.5	15.17
MALLOMONAS PSEUDOCORONATA	0.5	0.02
MELOSIRA GRANULATA	8.1	0.36
NAVICULA #78	1.6	0.07
NAVICULA ANGLICA V. SUBSALSA	0.5	0.02
NAVICULA CAPITATA	2.7	0.12
NAVICULA CAPITATA V. LUNEBURGENSIS	1.6	0.07
NAVICULA COSTULATA	0.5	0.02
NAVICULA DECUSSIS	0.5	0.02
NAVICULA LATENS	1.6	0.07
NAVICULA MENISCULUS	0.5	0.02
NAVICULA PUPULA	0.5	0.02
NAVICULA SP.	7.5	0.34
NAVICULA STROESEI	0.5	0.02
NITZSCHIA #1	0.5	0.02
NITZSCHIA #2	1.1	0.05
NITZSCHIA ACICULARIS	8.6	0.39
NITZSCHIA ACUTA	0.5	0.02
NITZSCHIA BACATA	5.4	0.24
NITZSCHIA CAPITELLATA	1.6	0.07
NITZSCHIA CONFINIS	3.8	0.17
NITZSCHIA DISSIPATA	2.7	0.12
NITZSCHIA KUETZINGIANA	5.4	0.24
NITZSCHIA PALEA V. TROPICA	0.5	0.02
NITZSCHIA PALEA	8.1	0.36
NITZSCHIA PALEACEA	4.3	0.19
NITZSCHIA SPICULOIDES	1.6	0.07
NITZSCHIA SP.	23.1	1.04
OCHROMONAS SP.	53.3	2.40
PERIDINIUM SP.	0.5	0.02
QUADRIGULA CHODATII	10.8	0.49
RHIZOSOLENIA ERIENSIS	1.1	0.05
RHIZOSOLENIA GRACILIS	1.1	0.05
SCENEDESMUS BIJUGA	4.3	0.19
STAURONEIS ACUTIUSCULA	0.5	0.02
STEPHANODISCUS ALPINUS	3.8	0.17
STEPHANODISCUS MINUTUS	7.5	0.34
STEPHANODISCUS TENUIS	3.8	0.17
SURIRELLA ANGUSTA	1.6	0.07
SURIRELLA SP.	0.5	0.02
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	0.5	0.02
SYNEDRA FILIFORMIS	78.6	3.54
SYNEDRA MINUSCULA	0.5	0.02
SYNEDRA ULNA V. CHASEANA	0.5	0.02
TABELLARIA FENESTRATA V. INTERMEDIA	141.0	6.36
TETRASTRUM STAUROGENIAEFORME	1.1	0.05
TOTAL	2217.9	100.0

NDC.5-2 NO.OF FORMS = 86 DIVERSITY = 3.56

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.1	0.03
AMPHIPLEURA PELLUCIDA	0.5	0.01
AMPHORA OVALIS	1.1	0.03
AMPHORA OVALIS V. PEDICULUS	3.2	0.09
AMPHORA SIBIRICA	1.6	0.04
AMPHORA SP.	1.6	0.04
ANABAENA FLOS-AQUAE	41.5	1.13
ANACYSTIS INCERTA	681.0	18.56
ANACYSTIS THERMALIS	76.4	2.08
ANKISTRODESMUS #3	2.2	0.06
ANKISTRODESMUS GELIFACTUM	2.2	0.06
ASTERIONELLA FORMOSA	160.4	4.37
CHRYSOPHYCEAN FLAGELLATE SPP.	86.7	2.36
COSMARIUM #1	0.5	0.01
CRUCIGENIA QUADRATA	6.5	0.18
CRYPTOMONAS SP.	47.9	1.31
CYCLOTELLA ATOMUS	0.5	0.01
CYCLOTELLA COMENSIS	18.3	0.50
CYCLOTELLA KUETZINGIANA	52.2	1.42
CYCLOTELLA MICHIGANIANA	79.7	2.17
CYCLOTELLA OCELLATA	6.5	0.18
CYMBELLA SP.	0.5	0.01
DINOBRYON BAVARICUM	5.4	0.15
DINOBRYON DIVERGENS	292.9	7.98
DINOBRYON FLAGELLATES	5.9	0.16
DINOFLAGELLATES	19.9	0.54
FLAGELLATE A	2.7	0.07
FLAGELLATES	146.4	3.99
FRAGILARIA BREVISTRIATA	0.5	0.01
FRAGILARIA CAPUCINA V. LANCEOLATA	37.7	1.03
FRAGILARIA CAPUCINA	0.5	0.01
FRAGILARIA CONSTRUENS	1.6	0.04
FRAGILARIA CROTONENSIS	305.8	8.34
FRAGILARIA PINNATA	1.6	0.04
FRAGILARIA PINNATA V. LANCETTULA	2.7	0.07
FRAGILARIA SP.	0.5	0.01
GLENODINIUM SP.	0.5	0.01
GLOEOCYSTIS PLANCTONICA	65.7	1.79
GLOEOCYSTIS SP.	11.8	0.32
GOMPHOSPHAERIA LACUSTRIS	1211.2	33.02
MALLOMONAS PSEUDOCORONATA	1.6	0.04
MELOSIRA GRANULATA	10.8	0.29
MOUGEOTIA SP.	1.6	0.04
NAVICULA #78	0.5	0.01
NAVICULA BACILLUM	0.5	0.01
NAVICULA CAPITATA	1.1	0.03
NAVICULA CAPITATA V. LUNEBURGENSIS	1.6	0.04
NAVICULA COSTULATA	0.5	0.01
NAVICULA DECUSSIS	1.6	0.04
NAVICULA LATENS	2.7	0.07
NAVICULA MENISCULUS V. UPSALIENSIS	1.1	0.03
NAVICULA NYASSENSIS	0.5	0.01
NAVICULA PLATYSTOMA V. PANTOCSEKII	0.5	0.01
NAVICULA SP.	2.7	0.07
NAVICULA SUBHOMULATA	0.5	0.01
NAVICULA TUSCULA	0.5	0.01
NITZSCHIA #1	1.6	0.04
NITZSCHIA ACICULARIS	0.5	0.01
NITZSCHIA ACUTA	1.6	0.04
NITZSCHIA BACATA	1.6	0.04
NITZSCHIA DISSIPATA	1.6	0.04
NITZSCHIA KUETZINGIANA	2.2	0.06
NITZSCHIA PALEA	4.8	0.13
NITZSCHIA PALEACEA	3.2	0.09
NITZSCHIA SP.	4.3	0.12
OCHROMONAS SP.	49.0	1.34
OOCYSTIS SP.	2.2	0.06
PERIDINIUM SP.	0.5	0.01
RHIZOSOLENIA ERIENSIS	0.5	0.01
RHIZOSOLENIA GRACILIS	1.1	0.03
SCENEDESMUS BIJUGA	4.3	0.12
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.3	0.12
SCENEDESMUS QUADRICAUDA	3.2	0.09
SCENEDESMUS SP.	1.1	0.03
SPHAEROCYSTIS SCHROETERI	9.7	0.26
SPHAEROCYSTIS SP.	10.8	0.29
STAURONEIS ACUTIUSCULA	0.5	0.01
STEPHANODISCUS ALPINUS	8.1	0.22
STEPHANODISCUS AUXOSPORE	0.5	0.01
STEPHANODISCUS MINUTUS	8.1	0.22
STEPHANODISCUS TENUIS	5.9	0.16
SURIRELLA ANGUSTA	3.8	0.10
SYNEDRA FILIFORMIS	50.1	1.36
SYNEDRA ULNA V. CHASEANA	0.5	0.01
TABELLARIA FENESTRATA V. INTERMEDIA	65.1	1.78
TETRASTRUM STAUROGENIAEFORME	3.2	0.09
TOTAL	3668.2	100.0

NDC 1-C NO.OF FORMS =103 DIVERSITY = 4.49

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	0.5	0.03
ACHNANTHES SP.	2.7	0.14
AMPHIPLEURA PELLUCIDA	1.6	0.09
AMPHORA CRUCIFEROIDES	0.5	0.03
AMPHORA NEGLECTA	0.5	0.03
AMPHORA OVALIS	2.2	0.11
AMPHORA OVALIS V. PEDICULUS	0.5	0.03
AMPHORA ROTUNDA	0.5	0.03
AMPHORA SIBIRICA	0.5	0.03
AMPHORA SP.	5.9	0.31
ANABAENA FLOS-AQUAE	6.5	0.34
ANACYSTIS INCERTA	102.3	5.40
ANACYSTIS SP.	2.2	0.11
ANACYSTIS THERMALIS	42.0	2.22
ANKISTRODESMUS #3	2.2	0.11
ANKISTRODESMUS FALCATUS	0.5	0.03
ANKISTRODESMUS GELIFACTUM	1.6	0.09
ASTERIONELLA FORMOSA	111.4	5.88
CALONEIS SP.	1.1	0.06
CALONEIS VENTRICOSA V. MINUTA	0.5	0.03
CHROMULINA #1	2.2	0.11
CHROMULINA #2	23.7	1.25
CHROMULINA PARVULA	4.3	0.23
CHRYSOPHYCEAN FLAGELLATE SPP.	151.3	7.99
CRUCIGENIA QUADRATA	10.2	0.54
CRYPTOMONAS SP.	24.2	1.28
CYCLOTELLA COMENSIS	5.4	0.28
CYCLOTELLA COMTA	3.2	0.17
CYCLOTELLA KUETZINGIANA	16.7	0.88
CYCLOTELLA MICHIGANIANA	9.7	0.51
CYCLOTELLA OCELLATA	0.5	0.03
CYCLOTELLA SP.	47.9	2.53
CYCLOTELLA STELLIGERA	2.2	0.11
CYMATOPLEURA SOLEA	0.5	0.03
CYMBELLA SP.	0.5	0.03
DIATOMA EHRENBERGII	0.5	0.03
DINOBRYON BAVARICUM	10.2	0.54
DINOBRYON DIVERGENS	92.1	4.86
DINOBRYON FLAGELLATES	3.8	0.20
DINOFLAGELLATES	12.4	0.65
FLAGELIATE A	1.1	0.06
FLAGELLATES	155.0	8.19
FRAGILARIA CAPUCINA	20.5	1.08
FRAGILARIA CROTONENSIS	341.3	18.02
FRAGILARIA PINNATA	2.7	0.14
FRAGILARIA SP.	3.2	0.17
FRAGILARIA VAUCHERIAE	0.5	0.03
GLOEOCYSTIS PLANCTONICA	2.2	0.11
GLOEOCYSTIS SP.	37.7	1.99
GOMPHONEMA OLIVACEUM	1.6	0.09
GOMPHOSPHAERIA LACUSTRIS	250.3	13.22
GREEN CELLS, UNDETERMINED	0.5	0.03
GREEN COCCOID, UNKNOWN	4.8	0.26
LAGERHEIMIA CITRIFORMIS	0.5	0.03
MALLOMONAS PSEUDOCORONATA	0.5	0.03
MELOSIRA GRANULATA	0.5	0.03
NAVICULA #78	1.6	0.09
NAVICULA CAPITATA V. LUNEBURGENSIS	1.6	0.09
NAVICULA CLEMENTIS	0.5	0.03
NAVICULA COSTULATA	1.1	0.06
NAVICULA CRYPTOCEPHALA V. VENETA	0.5	0.03
NAVICULA DECUSSIS	3.2	0.17
NAVICULA EXIGUA V CAPITATA	2.2	0.11
NAVICULA LATENS	6.5	0.34
NAVICULA MENISCULUS V. UPSALIENSIS	1.1	0.06
NAVICULA PUPULA	1.6	0.09
NAVICULA SP.	4.8	0.26
NITZSCHIA #10	0.5	0.03
NITZSCHIA #1	0.5	0.03
NITZSCHIA #2	0.5	0.03
NITZSCHIA #3	2.2	0.11
NITZSCHIA ACICULARIS	8.6	0.45
NITZSCHIA CONFINIS	7.5	0.40
NITZSCHIA DISSIPATA	3.8	0.20
NITZSCHIA FILIFORMIS	1.1	0.06
NITZSCHIA FONTICOLA	2.7	0.14
NITZSCHIA KUETZINGIANA	2.7	0.14
NITZSCHIA PALEACEA	5.4	0.28
NITZSCHIA RECTA	1.1	0.06
NITZSCHIA SP.	17.8	0.94
NITZSCHIA SUBLINEARIS	0.5	0.03
OCHROMONAS SP.	49.5	2.62
OSCILLATORIA LIMNETICA	0.5	0.03
OSCILLATORIA SP.	0.5	0.03
RHIZOSOLENIA ERIENSIS	1.1	0.06
RHOICOSPHENIA CURVATA	0.5	0.03
SCENEDESMUS BICELLULARIS	18.3	0.97
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.11
SCENEDESMUS QUADRICAUDA	4.3	0.23
SCENEDESMUS SP.	14.0	0.74
STAURONEIS SP.	0.5	0.03
STEPHANODISCUS ALPINUS	9.2	0.48
STEPHANODISCUS MINUTUS	7.5	0.40
STEPHANODISCUS SP.	2.2	0.11
STEPHANODISCUS SUBTILIS	3.8	0.20
STEPHANODISCUS TRANSILVANICUS	0.5	0.03
SURIRELLA ANGUSTA	1.6	0.09
SYNEDRA DEMERARAE	17.2	0.91
SYNEDRA FILIFORMIS	112.0	5.91
SYNEDRA MINUSCULA	2.7	0.14
SYNEDRA SP.	1.6	0.09
TABELLARIA FENESTRATA V. INTERMEDIA	32.8	1.73
TABELLARIA FLOCCULOSA	1.1	0.06
TOTAL	1893.9	100.0

NDC 1-1 NO.OF FORMS = 86 DIVERSITY = 4.92

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	0.5	0.04
ACHNANTHES SP.	0.5	0.04
AMPHIPLEURA PELLUCIDA	0.5	0.04
AMPHIPRORA ORNATA	0.5	0.04
AMPHORA OVALIS	0.5	0.04
AMPHORA OVALIS V. LIBYCA	1.1	0.07
AMPHORA OVALIS V. PEDICULUS	3.2	0.22
AMPHORA SP.	8.1	0.55
ANABAENA FLOS-AQUAE	56.0	3.84
ANACYSTIS THERMALIS	36.6	2.51
ANKISTRODESMUS #3	2.7	0.18
ASTERIONELLA FORMOSA	115.7	7.95
BITRICHIA SP.	0.5	0.04
CALONEIS VENTRICOSA V. MINUTA	1.6	0.11
CHROMULINA #1	28.5	1.96
CHROMULINA #2	3.2	0.22
CHRYSOPHYCEAN FLAGELLATE SPP.	51.1	3.51
COCCONEIS PLACENTULA V. EUGLYPTA	0.5	0.04
CRUCIGENIA QUADRATA	28.0	1.92
CRYPTOMONAS SP.	15.6	1.07
CYCLOTELLA COMENSIS	25.3	1.74
CYCLOTELLA KUETZINGIANA	28.5	1.96
CYCLOTELLA MENEGHINIANA V. PLANA	0.5	0.04
CYCLOTELLA MICHIGANIANA	10.2	0.70
CYCLOTELLA OCELLATA	1.1	0.07
CYCLOTELLA SP.	87.7	6.02
CYCLOTELLA STELLIGERA	1.1	0.07
DIATOMA VULGARE	0.5	0.04
DINOBRYON BAVARICUM	21.0	1.44
DINOBRYON DIVERGENS	129.7	8.91
DINOBRYON FLAGELLATES	12.9	0.89
DINOFLAGELLATES	0.5	0.04
FLAGELLATES	88.8	6.10
FRAGILARIA CAPUCINA V. LANCEOLATA	46.8	3.22
FRAGILARIA CONSTRUENS	14.5	1.00
FRAGILARIA CONSTRUENS V. MINUTA	0.5	0.04
FRAGILARIA CROTONENSIS	121.7	8.35
FRAGILARIA PINNATA	3.8	0.26
FRAGILARIA SP.	3.2	0.22
FRAGILARIA VAUCHERIAE	1.6	0.11
GLOEOCYSTIS PLANCTONICA	39.8	2.73
GLOEOCYSTIS SP.	40.4	2.77
GOMPHONEMA OLIVACEUM	0.5	0.04
GREEN COCCOID, UNKNOWN	0.5	0.04
GREEN FILAMENT, UNKNOWN	0.5	0.04
LAGERHEIMIA SP.	1.1	0.07
MELOSIRA GRANULATA	1.6	0.11
MELOSIRA ITALICA	0.5	0.04
NAVICULA #78	1.6	0.11
NAVICULA CAPITATA V. LUNEBURGENSIS	1.1	0.07
NAVICULA DECUSSIS	2.2	0.15
NAVICULA GREGARIA	0.5	0.04
NAVICULA LATENS	0.5	0.04
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.04
NAVICULA SP.	6.5	0.44
NITZSCHIA #1	4.8	0.33
NITZSCHIA ACICULARIS	21.0	1.44
NITZSCHIA ACUTA	1.1	0.07
NITZSCHIA BACATA	1.1	0.07
NITZSCHIA CAPITELLATA	2.2	0.15
NITZSCHIA CONFINIS	7.5	0.52
NITZSCHIA DISSIPATA	3.8	0.26
NITZSCHIA FONTICOLA	5.4	0.37
NITZSCHIA KUETZINGIANA	5.9	0.41
NITZSCHIA PALEA	19.9	1.37
NITZSCHIA SP.	45.8	3.14
OCHROMONAS SP.	42.5	2.92
PERIDINIUM SP.	0.5	0.04
RHIZOSOLENIA ERIENSIS	3.2	0.22
RHIZOSOLENIA GRACILIS	0.5	0.04
SCENEDESMUS ACUMINATUS	2.2	0.15
SCENEDESMUS BICELLULARIS	2.2	0.15
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.15
SCENEDESMUS QUADRICAUDA	9.7	0.67
SCENEDESMUS SPINOSUS	3.2	0.22
STEPHANODISCUS ALPINUS	10.8	0.74
STEPHANODISCUS MINUTUS	8.1	0.55
STEPHANODISCUS SP.	11.3	0.78
STEPHANODISCUS TENUIS	2.7	0.18
SURIRELLA ANGUSTA	0.5	0.04
SYNEDRA FILIFORMIS	129.7	8.91
SYNEDRA MINUSCULA	1.6	0.11
SYNEDRA SP.	0.5	0.04
TABELLARIA FENESTRATA	3.8	0.26
TABELLARIA FENESTRATA V. INTERMEDIA	47.9	3.29
TETRAEDRON MINIMUM	1.6	0.11
TOTAL	1456.7	100.0

NDC 1-2 NO.OF FORMS = 74 DIVERSITY = 3.27

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES #30	0.3	0.03
ACHNANTHES CLEVEI V. ROSTRATA	2.2	0.21
AMPHIPLEURA PELLUCIDA	1.1	0.10
AMPHORA OVALIS	1.1	0.10
AMPHORA OVALIS V. PEDICULUS	0.3	0.03
AMPHORA SUBCOSTULATA	0.3	0.03
ANABAENA FLOS-AQUAE	7.5	0.73
ANACYSTIS INCERTA	433.4	41.84
ANACYSTIS THERMALIS	19.4	1.87
ANKISTRODESMUS #2	0.5	0.05
ANKISTRODESMUS #3	0.3	0.03
ANKISTRODESMUS FALCATUS	0.3	0.03
ANKISTRODESMUS GELIFACTUM	0.3	0.03
ASTERIONELLA FORMOSA	7.5	0.73
CALONEIS SP.	0.3	0.03
CENTRIC DIATOM, UNKNOWN	1.9	0.18
CERATIUM HIRUNDINELLA	0.3	0.03
CHLORELLA ELLIPSOIDEA	1.1	0.10
CHLORELLA VULGARIS	12.1	1.17
CHROMULINA #1	0.5	0.05
CHROMULINA PARVULA	19.9	1.92
CHRYSOPHYCEAN FLAGELLATE SPP.	8.6	0.83
CRUCIGENIA QUADRATA	2.2	0.21
CRYPTOMONAS SP.	7.5	0.73
CYCLOTELLA COMTA	0.8	0.08
CYCLOTELLA KUETZINGIANA	11.0	1.07
CYCLOTELLA MENEGHINIANA	0.3	0.03
CYCLOTELLA MICHIGANIANA	42.5	4.11
CYCLOTELLA OCELLATA	0.5	0.05
CYCLOTELLA SP.	1.3	0.13
DINOBRYON BAVARICUM	1.3	0.13
DINOBRYON DIVERGENS	34.2	3.30
DINOBRYON FLAGELLATES	8.3	0.81
DINOFLAGELLATES	2.2	0.21
FLAGELLATES	174.2	16.81
FRAGILARIA CROTONENSIS	74.3	7.17
FRAGILARIA SP.	0.3	0.03
GLOEOCYSTIS PLANCTONICA	1.1	0.10
GLOEOCYSTIS SP.	5.1	0.49
GOMPHONEMA SP.	0.3	0.03
GREEN COCCOID, UNKNOWN	5.9	0.57
MELOSIRA GRANULATA	0.3	0.03
MELOSIRA ITALICA	0.5	0.05
NAVICULA CAPITATA	0.3	0.03
NAVICULA CRYPTOCEPHALA V. VENETA	0.5	0.05
NAVICULA DECUSSIS	0.8	0.08
NAVICULA GREGARIA	0.3	0.03
NAVICULA SP.	1.9	0.18
NITZSCHIA #1	0.3	0.03
NITZSCHIA ACICULARIS	4.0	0.39
NITZSCHIA CAPITELLATA	0.5	0.05
NITZSCHIA CONFINIS	1.3	0.13
NITZSCHIA DISSIPATA	1.3	0.13
NITZSCHIA FONTICOLA	0.3	0.03
NITZSCHIA KUETZINGIANA	4.3	0.42
NITZSCHIA PALEA	0.5	0.05
NITZSCHIA PALEACEA	5.4	0.52
NITZSCHIA SP.	2.2	0.21
OCHROMONAS SP.	78.6	7.59
RHIZOSOLENIA ERIENSIS	0.5	0.05
RHIZOSOLENIA GRACILIS	0.3	0.03
SCENEDESMUS BICELLULARIS	5.9	0.57
SCENEDESMUS QUADRICAUDA V. LONGISPINA	3.2	0.31
SCENEDESMUS QUADRICAUDA	3.2	0.31
SCENEDESMUS SP.	0.5	0.05
STEPHANODISCUS ALPINUS	1.9	0.18
STEPHANODISCUS MINUTUS	1.3	0.13
STEPHANODISCUS SP.	0.3	0.03
STEPHANODISCUS SUBTILIS	0.3	0.03
SURIRELLA ANGUSTA	0.3	0.03
SYNEDRA DEMERARAE	0.5	0.05
SYNEDRA FILIFORMIS	15.9	1.53
TABELLARIA FENESTRATA	0.8	0.08
TABELLARIA FENESTRATA V. INTERMEDIA	5.1	0.49
TOTAL	1035.7	100.0

ADC 2-C NO.OF FORMS =107 DIVERSITY = 3.77
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.6	0.05
ACHNANTHES LANCEOLATA V. DUBIA	0.5	0.02
ACHNANTHES SP.	0.5	0.02
AMPHIPLEURA PELLUCIDA	1.6	0.05
AMPHORA CALUMETICA	0.5	0.02
AMPHORA OVALIS	0.5	0.02
AMPHORA OVALIS V. PEDICULUS	1.1	0.03
AMPHORA SP.	5.9	0.17
ANABAENA FLOS-AQUAE	35.5	1.03
ANACYSTIS INCERTA	734.8	21.21
ANACYSTIS THERMALIS	77.5	2.24
ANKISTRODESMUS #3	2.2	0.06
ANKISTRODESMUS GELIFACTUM	3.2	0.09
ANKISTRODESMUS SP.	0.5	0.02
ASTERIONELLA FORMOSA	246.6	7.12
CALONEIS AMPHISBAENA	0.5	0.02
CALONEIS VENTRICOSA V. MINUTA	1.1	0.03
CHROMULINA PARVULA	1.1	0.03
CHRYSOPHYCEAN FLAGELLATE SPP.	19.4	0.56
COSMARIUM #1	0.5	0.02
CRYPTOMONAS SP.	15.6	0.45
CYCLOTELLA COMENSIS	16.7	0.48
CYCLOTELLA KUETZINGIANA AUXOSPORE	0.5	0.02
CYCLOTELLA KUETZINGIANA	18.3	0.53
CYCLOTELLA MENEGHINIANA	0.5	0.02
CYCLOTELLA MICHIGANIANA	15.1	0.44
CYCLOTELLA OCELLATA	2.2	0.06
CYCLOTELLA OPERCULATA	0.5	0.02
CYCLOTELLA SP.	39.8	1.15
CYCLOTELLA STELLIGERA	0.5	0.02
CYMBELLA CUSPIDATA	0.5	0.02
CYMBELLA PROSTRATA V. AUERSWALDII	1.1	0.03
DENTICULA TENUIS V. CRASSULA	0.5	0.02
DIATOMA VULGARE	0.5	0.02
DINOBRYON BAVARICUM	15.1	0.44
DINOBRYON DIVERGENS	160.4	4.63
DINOBRYON FLAGELLATES	4.8	0.14
DINOFLAGELLATES	2.7	0.08
EUNOTIA SP.	0.5	0.02
FLAGELLATES	70.5	2.04
FRAGILARIA CAPUCINA V. LANCEOLATA	108.2	3.12
FRAGILARIA CAPUCINA	8.6	0.25
FRAGILARIA CONSTRUENS	0.5	0.02
FRAGILARIA CROTONENSIS	438.7	12.67
FRAGILARIA SP.	7.0	0.20
FRAGILARIA VAUCHERIAE	2.7	0.08
GLEOCYSTIS PLANCTONICA	32.8	0.95
GLOEOCYSTIS SP.	22.6	0.65
GOMPHONEMA INTRICATUM	0.5	0.02
GOMPHONEMA OLIVACEUM	1.1	0.03
GOMPHONIMA SP.	0.5	0.02
GOMPHOSPHAERIA LACUSTRIS	872.1	25.17
LAGERHEIMIA CILIATA	0.5	0.02
LAGERHEIMIA SP.	0.5	0.02
MALLOMONAS SP.	2.2	0.06
MELOSIRA GRANULATA	3.2	0.09
MELOSIRA ITALICA	1.1	0.03
MELOSIRA SP.	0.5	0.02
NAVICULA #78	1.6	0.05
NAVICULA CAPITATA V. LUNEBURGENSIS	1.1	0.03
NAVICULA CRYPTOCEPHALA	0.5	0.02
NAVICULA DECUSSIS	5.4	0.16
NAVICULA GREGARIA	0.5	0.02
NAVICULA LATENS	3.8	0.11
NAVICULA MENISCULUS V. UPSALIENSIS	2.2	0.06
NAVICULA MICROPUPULA	1.1	0.03
NAVICULA NYASSENSIS F. MINOR	0.5	0.02
NAVICULA PLATYSTOMA V. PANTOCSEKII	0.5	0.02
NAVICULA SP.	10.8	0.31
NAVICULA STROESEI	0.5	0.02
NITZSCHIA #1	2.2	0.06
NITZSCHIA #2	0.5	0.02
NITZSCHIA ACICULARIS	10.8	0.31
NITZSCHIA BACATA	1.1	0.03
NITZSCHIA CAPITELLATA	4.8	0.14
NITZSCHIA CONFINIS	3.8	0.11
NITZSCHIA DISSIPATA	3.2	0.09
NITZSCHIA FONTICOLA	1.6	0.05
NITZSCHIA KUETZINGIANA	1.1	0.03
NITZSCHIA PALEACEA	7.5	0.22
NITZSCHIA RECTA	2.2	0.06
NITZSCHIA SP.	17.8	0.51
OCHROMONAS SP.	9.7	0.28
OESTRUPIA ZACHARIASI	0.5	0.02
OOCYSTIS SP.	14.0	0.40
OSCILLATORIA RETZII	0.5	0.02
OSCILLATORIA SP.	0.5	0.02
PEDIASTRUM BORYANUM	23.1	0.67
RHIZOSOLENIA ERIENSIS	2.7	0.08
SCENEDESMUS ACUMINATUS	2.2	0.06
SCENEDESMUS ARCUATUS	2.7	0.08
SCENEDESMUS BICELLULARIS	2.2	0.06
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.06
SCENEDESMUS QUADRICAUDA	1.1	0.03
STEPHANODISCUS ALPINUS	11.8	0.34
STEPHANODISCUS MINUTUS	6.5	0.19
STEPHANODISCUS SP.	10.2	0.30
STEPHANODISCUS SUBTILIS	2.2	0.06
STEPHANODISCUS TENUIS	0.5	0.02
SURIRELLA ANGUSTA	1.6	0.05
SYNEDRA DEMERARAE	0.5	0.02
SYNEDRA FILIFORMIS	144.3	4.16
SYNEDRA SP.	2.2	0.06
SYNURA SP.	37.7	1.09
TABELLARIA FENESTRATA	2.2	0.06
TABELLARIA FENESTRATA V. INTERMEDIA	92.1	2.66
TETRAEDRON CAUDATUM	0.5	0.02
TOTAL	3464.2	100.0

NDC 2-1 NO.OF FORMS = 97 DIVERSITY = 3.44

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. POSTRATA	1.6	0.07
ACHNANTHES LANCEOLATA V. DUBIA	1.1	0.04
AMPHIPLEURA PELLUCIDA	2.2	0.09
AMPHIPRORA ORNATA	0.5	0.02
AMPHORA NEGLECTA	0.5	0.02
AMPHORA OVALIS	2.7	0.11
AMPHORA OVALIS V. PEDICULUS	2.7	0.11
AMPHORA SIBIRICA	1.1	0.04
AMPHORA SP.	2.7	0.11
ANABAENA FLOS-AQUAE	1.6	0.07
ANACYSTIS INCERTA	67.3	2.81
ANACYSTIS THERMALIS	35.5	1.48
ANKISTRODESMUS FALCATUS	0.5	0.02
ANKISTRODESMUS GELIFACTUM	3.2	0.13
ASTERIONELLA FORMOSA	130.8	5.46
CHRYSOPHYCEAN FLAGELLATE SPP.	146.4	6.12
CLADOPHORA SP.	2.2	0.09
COSMARIUM #1	1.6	0.07
CRYPTOMONAS SP.	17.8	0.74
CYCLOTELLA ANTIQUA	0.5	0.02
CYCLOTELLA ATOMUS	2.2	0.09
CYCLOTELLA AUXOSPORE	0.5	0.02
CYCLOTELLA COMENSIS	39.3	1.64
CYCLOTELLA CRYPTICA	1.6	0.07
CYCLOTELLA KUETZINGIANA	29.1	1.21
CYCLOTELLA MENEGHINIANA V. PLANA	0.5	0.02
CYCLOTELLA MICHIGANIANA	67.3	2.81
CYCLOTELLA OCELLATA	15.1	0.63
CYCLOTELLA STELLIGERA	1.1	0.04
DACTYLOCOCCOPSIS ACICULARIS	1.6	0.07
DIATOMA VULGARE	0.5	0.02
DINOBRYON BAVARICUM	7.5	0.31
DINOBRYON CYSTS	2.7	0.11
DINOBRYON DIVERGENS	91.5	3.82
DINOBRYON FLAGELLATES	7.5	0.31
DINOFLAGELLATES	4.3	0.18
DIPLONEIS OCULATA	0.5	0.02
DIPLONEIS SP.	0.5	0.02
FLAGELLATE A	3.2	0.13
FLAGELLATES	95.3	3.98
FRAGILARIA BREVISTRIATA	4.8	0.20
FRAGILARIA CAPUCINA V. LANCEOLATA	10.8	0.45
FRAGILARIA CAPUCINA	7.5	0.31
FRAGILARIA CROTONENSIS	148.5	6.21
FRAGILARIA PINNATA	1.6	0.07
FRAGILARIA PINNATA V. LANCETTULA	1.1	0.04
FRAGILARIA SP.	1.1	0.04
GLOEOCYSTIS PLANCTONICA	10.2	0.43
GLOEOCYSTIS SP.	3.2	0.13
GOMPHOSPHAERIA LACUSTRIS	1144.0	47.77
MALLOMONAS PSEUDOCORONATA	1.1	0.04
MELOSIRA GRANULATA	8.6	0.36
MELOSIRA SP.	3.2	0.13
NAVICULA BACILLUM	0.5	0.02
NAVICULA CAPITATA	2.7	0.11
NAVICULA CAPITATA V. LUNEBURGENSIS	2.2	0.09
NAVICULA CLEMENTIS V. QUADRISTIGMATA	0.5	0.02
NAVICULA COSTULATA	1.1	0.04
NAVICULA DECUSSIS	3.2	0.13
NAVICULA LANCEOLATA	0.5	0.02
NAVICULA LATENS	3.8	0.16
NAVICULA MENISCULUS V. UPSALIENSIS	3.8	0.16
NAVICULA NYASSENSIS F. MINOR	0.5	0.02
NAVICULA PLACENTULA V. ROSTRATA	0.5	0.02
NAVICULA SUBHOMULATA	0.5	0.02
NAVICULA TRIPUNCTATA	1.1	0.04
NITZSCHIA #1	3.2	0.13
NITZSCHIA ACICULARIS	9.2	0.38
NITZSCHIA BACATA	0.5	0.02
NITZSCHIA CONFINIS	2.7	0.11
NITZSCHIA DISSIPATA	4.3	0.18
NITZSCHIA FONTICOLA	1.1	0.04
NITZSCHIA KUETZINGIANA	3.2	0.13
NITZSCHIA PALEA	8.6	0.36
NITZSCHIA PALEACEA	9.2	0.38
NITZSCHIA SIGMOIDEA	0.5	0.02
NITZSCHIA SP.	6.5	0.27
OCHROMONAS SP.	45.2	1.89
OSCILLATORIA RETZII	0.5	0.02
RHIZOSOLENIA ERIENSIS	0.5	0.02
RHIZOSOLENIA GRACILIS	1.1	0.04
RHIZOSOLENIA SP.	0.5	0.02
SCENEDESMUS ACUMINATUS	4.3	0.18
SCENEDESMUS QUADRICAUDA V. LONGISPINA	6.5	0.27
SCENEDESMUS QUADRICAUDA	2.2	0.09
SCENEDESMUS SP.	2.2	0.09
STAURASTRUM PARADOXICUM	0.5	0.02
STEPHANODISCUS ALPINUS	2.7	0.11
STEPHANODISCUS MINUTUS	14.0	0.58
STEPHANODISCUS TENUIS	2.2	0.09
SURIRELLA ANGUSTA	0.5	0.02
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	0.5	0.02
SYNEDRA DEMERARAE	0.5	0.02
SYNEDRA FILIFORMIS	56.5	2.36
TABELLARIA FENESTRATA	0.5	0.02
TABELLARIA FENESTRATA V. INTERMEDIA	42.5	1.78
TABELLARIA FLOCCULOSA	0.5	0.02
TOTAL	2394.5	100.0

NDC 2-3 NO.OF FORMS = 69 DIVERSITY = 3.68

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.6	0.05
AMPHIPLEURA PELLUCIDA	2.7	0.09
AMPHORA OVALIS	2.2	0.07
AMPHORA OVALIS V. PEDICULUS	1.1	0.04
AMPHORA SP.	2.2	0.07
ANABAENA FLOS-AQUAE	203.0	6.86
ANACYSTIS INCERTA	1052.4	35.58
ANACYSTIS THERMALIS	32.8	1.11
ANKISTRODESMUS #3	1.6	0.05
ANKISTRODESMUS FALCATUS	1.1	0.04
ASTERIONELLA FORMOSA	86.1	2.91
CERATIUM HIRUNDINELLA	1.6	0.05
CHROMULINA PARVULA	1.6	0.05
CHRYSOPHYCEAN FLAGELLATE SPP.	97.4	3.29
CLADOPHORA SP.	5.4	0.18
CRYPTOMONAS SP.	29.1	0.98
CYCLOTELLA ATOMUS	0.5	0.02
CYCLOTELLA COMTA	1.6	0.05
CYCLOTELLA KUETZINGIANA	26.4	0.89
CYCLOTELLA MICHIGANIANA	102.8	3.48
CYCLOTELLA OCELLATA	21.0	0.71
DINOBRYON BAVARICUM	9.7	0.33
DINOBRYON DIVERGENS	254.1	8.59
DINOBRYON FLAGELLATES	55.4	1.87
DINOFLAGELLATES	4.8	0.16
FLAGELLATE A	1.1	0.04
FLAGELLATES	221.3	7.48
FRAGILARIA CAPUCINA V. LANCEOLATA	12.4	0.42
FRAGILARIA CONSTRUENS	5.9	0.20
FRAGILARIA CROTONENSIS	186.8	6.31
FRAGILARIA PINNATA	2.7	0.09
FRAGILARIA SP.	0.5	0.02
GLOEOCYSTIS PLANCTONICA	50.6	1.71
GLOEOCYSTIS SP.	24.8	0.84
GOMPHOSPHAERIA LACUSTRIS	148.0	5.00
GREEN COCCOID, UNKNOWN	4.3	0.15
MALLOMONAS SP.	0.5	0.02
MELOSIRA GRANULATA	2.2	0.07
NAVICULA #78	0.5	0.02
NAVICULA CAPITATA	5.9	0.20
NAVICULA CRYPTOCEPHALA	0.5	0.02
NAVICULA DECUSSIS	1.1	0.04
NAVICULA GASTRUM V. SIGNATA	0.5	0.02
NAVICULA LATENS	2.2	0.07
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.02
NAVICULA MENISCULUS	0.5	0.02
NITZSCHIA #1	2.2	0.07
NITZSCHIA ACICULARIS	3.2	0.11
NITZSCHIA ACUTA	1.1	0.04
NITZSCHIA BACATA	1.6	0.05
NITZSCHIA CONFINIS	2.2	0.07
NITZSCHIA DISSIPATA	1.6	0.05
NITZSCHIA KUETZINGIANA	0.5	0.02
NITZSCHIA PALEACEA	0.5	0.02
OCHROMONAS SP.	128.1	4.33
OSCILLATORIA LIMNETICA	0.5	0.02
PEDIASTRUM DUPLEX V. CLATHRATUM	18.8	0.64
PEDIASTRUM SP.	6.5	0.22
RHIZOSOLENIA ERIENSIS	1.6	0.05
SCENEDESMUS QUADRICAUDA	6.5	0.22
SCENEDESMUS SP.	3.2	0.11
STEPHANODISCUS ALPINUS	1.6	0.05
STEPHANODISCUS MINUTUS	7.5	0.25
STEPHANODISCUS SP.	0.5	0.02
STEPHANODISCUS TENUIS	1.6	0.05
SURIRELLA ANGUSTA	0.5	0.02
SYNEDRA FILIFORMIS	32.8	1.11
SYNEDRA MINUSCULA	2.7	0.09
TABELLARIA FENESTRATA V. INTERMEDIA	61.4	2.07
TOTAL	2958.1	100.0

NDC +-0 NO.OF FORMS =100 DIVERSITY = 4.32

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	0.5	0.03
ACHNANTHES SP.	1.1	0.05
AMPHIPRORA ORNATA	0.5	0.03
AMPHORA OVALIS	1.6	0.08
AMPHORA OVALIS V. LIBYCA	1.1	0.05
AMPHORA OVALIS V. PEDICULUS	3.2	0.16
AMPHORA SIBIRICA	1.1	0.05
AMPHORA SP.	3.8	0.19
ANABAENA FLOS-AQUAE	31.2	1.59
ANACYSTIS INCERTA	185.7	9.43
ANACYSTIS SP.	9.7	0.49
ANACYSTIS THERMALIS	47.4	2.41
ANKISTRODESMUS FALCATUS	0.5	0.03
ANKISTRODESMUS GELIFACTUM	10.2	0.52
ASTERIONELLA FORMOSA	113.6	5.77
CALONEIS SP.	1.1	0.05
CALONEIS VENTRICOSA V. MINUTA	2.2	0.11
CHROMULINA #1	3.2	0.16
CHROMULINA PARVULA	43.1	2.19
CHRYSOPHYCEAN FLAGELLATE SPP.	15.6	0.79
CRUCIGENIA QUADRATA	6.5	0.33
CRYPTOMONAD SP.	3.8	0.19
CRYPTOMONAS SP.	22.6	1.15
CRYPTOPHYCEAN FLAGELLATES	0.5	0.03
CYCLOTELLA COMTA	4.3	0.22
CYCLOTELLA CRYPTICA	1.6	0.08
CYCLOTELLA KUETZINGIANA	18.3	0.93
CYCLOTELLA MENEGHINIANA V. PLANA	0.5	0.03
CYCLOTELLA MENEGHINIANA	1.1	0.05
CYCLOTELLA MICHIGANIANA	63.0	3.20
CYCLOTELLA OCELLATA	3.2	0.16
CYCLOTELLA SP.	1.1	0.05
CYCLOTELLA STELLIGERA	3.2	0.16
CYMBELLA OBTUSIUSCULA	0.5	0.03
DENTICULA TENUIS V. CRASSULA	0.5	0.03
DINOBRYON BAVARICUM	0.5	0.03
DINOBRYON DIVERGENS	107.7	5.47
DINOBRYON FLAGELLATES	2.2	0.11
DINOFLAGELLATES	6.5	0.33
FLAGELLATES	325.7	16.53
FRAGILARIA BREVISTRIATA	1.6	0.08
FRAGILARIA CONSTRUENS V. MINUTA	1.1	0.05
FRAGILARIA CROTONENSIS	279.4	14.18
FRAGILARIA PINNATA	18.3	0.93
FRAGILARIA SP.	3.8	0.19
FRAGILARIA VAUCHERIAE	1.6	0.08
GLOEOCYSTIS PLANCTONICA	29.1	1.48
GLOEOCYSTIS SP.	19.4	0.98
GOMPHONEMA OLIVACEUM	0.5	0.03
GOMPHOSPHAERIA LACUSTRIS	290.7	14.76
GREEN CELLS, UNDETERMINED	0.5	0.03
GREEN FILAMENT, UNKNOWN	0.5	0.03
KIRCHNERIELLA LUNARIS V. IRREGULARIS	5.9	0.30
MELOSIRA GRANULATA	5.4	0.27
MELOSIRA ITALICA	0.5	0.03
NAVICULA #78	1.1	0.05
NAVICULA ANGLICA V. SIGNATA	0.5	0.03
NAVICULA AURORA	0.5	0.03
NAVICULA CAPITATA	2.2	0.11
NAVICULA COSTULATA	1.1	0.05
NAVICULA DECUSSIS	3.2	0.16
NAVICULA EXIGUA V CAPITATA	2.7	0.14
NAVICULA LATENS	0.5	0.03
NAVICULA MENISCULUS V. UPSALIENSIS	1.1	0.05
NAVICULA SP.	5.4	0.27
NITZSCHIA #1	2.7	0.14
NITZSCHIA ACICULARIS	4.3	0.22
NITZSCHIA BACATA	1.6	0.08
NITZSCHIA CAPITELLATA	2.2	0.11
NITZSCHIA CONFINIS	8.6	0.44
NITZSCHIA DISSIPATA	5.4	0.27
NITZSCHIA FONTICOLA	4.3	0.22
NITZSCHIA KUETZINGIANA	3.2	0.16
NITZSCHIA PALEA	0.5	0.03
NITZSCHIA PALEACEA	8.6	0.44
NITZSCHIA RECTA	2.2	0.11
NITZSCHIA SP.	3.8	0.19
NITZSCHIA SUBLINEARIS	0.5	0.03
OCHROMONAS SP.	36.6	1.86
OSCILLATORIA SP.	1.1	0.05
PERIDINIUM SP.	2.2	0.11
RHIZOSOLENIA ERIENSIS	0.5	0.03
SCENEDESMUS BICELLULARIS	3.2	0.16
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.11
SCENEDESMUS QUADRICAUDA	2.2	0.11
SCENEDESMUS SP.	1.1	0.05
STEPHANODISCUS ALPINUS	11.8	0.60
STEPHANODISCUS MINUTUS	6.5	0.33
STEPHANODISCUS SP.	0.5	0.03
STEPHANODISCUS SUBTILIS	5.4	0.27
STEPHANODISCUS TENUIS	0.5	0.03
SURIRELLA ANGUSTA	0.5	0.03
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	0.5	0.03
SYNEDRA DEMERARAE	6.5	0.33
SYNEDRA FILIFORMIS	62.4	3.17
SYNEDRA MINUSCULA	1.1	0.05
SYNEDRA SP.	2.7	0.14
TABELLARIA FENESTRATA	1.6	0.08
TABELLARIA FENESTRATA V. INTERMEDIA	40.4	2.05
ULOTHRIX SP.	5.9	0.30
TOTAL	1969.3	100.0

NDC 4-1 NO.OF FORMS = 99 DIVERSITY = 4.27

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	2.7	0.10
ACHNANTHES SP.	0.5	0.02
AMPHIPLEURA PELLUCIDA	1.1	0.04
AMPHORA AUXOSPORE	0.5	0.02
AMPHORA OVALIS	1.1	0.04
AMPHORA OVALIS V. PEDICULUS	1.6	0.06
AMPHORA SIBIRICA	1.6	0.06
AMPHORA SP.	7.0	0.25
AMPHORA #3	0.5	0.02
ANABAENA FLOS-AQUAE	28.0	1.02
ANACYSTIS INCERTA	438.7	15.96
ANACYSTIS THERMALIS	42.0	1.53
ANKISTRODESMUS #3	1.6	0.06
ANKISTRODESMUS GELIFACTUM	1.1	0.04
ASTERIONELLA FORMOSA	159.3	5.80
CALONEIS SP.	0.5	0.02
CALONEIS VENTRICOSA V. MINUTA	1.1	0.04
CHROMULINA PARVULA	7.5	0.27
CHRYSOPHYCEAN FLAGELLATE SPP.	104.4	3.80
CLADOPHORA SP.	3.8	0.14
CRUCIGENIA QUADRATA	17.8	0.65
CRYPTOMONAS SP.	4.3	0.16
CYCLOTELLA COMENSIS	22.6	0.82
CYCLOTELLA KUETZINGIANA	46.3	1.68
CYCLOTELLA MENEGHINIANA	1.1	0.04
CYCLOTELLA MICHIGANIANA	21.0	0.76
CYCLOTELLA OCELLATA	1.1	0.04
CYCLOTELLA SP.	94.2	3.43
DENTICULA TENUIS V. CRASSULA	0.5	0.02
DIATOMA VULGARE	0.5	0.02
DINOBRYON BAVARICUM	29.6	1.08
DINOBRYON DIVERGENS	302.5	11.01
DINOBRYON FLAGELLATES	10.8	0.39
DINOFLAGELLATES	4.3	0.16
DIPLONEIS OCULATA	0.5	0.02
FLAGELLATES	59.8	2.17
FRAGILARIA BREVISTRIATA V. INFLATA	0.5	0.02
FRAGILARIA CAPUCINA V. LANCEOLATA	29.1	1.06
FRAGILARIA CROTONENSIS	178.7	6.50
FRAGILARIA PINNATA	3.2	0.12
FRAGILARIA SP.	7.0	0.25
GLOEOCYSTIS PLANCTONICA	92.6	3.37
GLOEOCYSTIS SP.	18.8	0.69
GOMPHOSPHAERIA LACUSTRIS	565.2	20.57
GREEN COCCOID, UNKNOWN	17.2	0.63
KIRCHNERIELLA LUNARIS	1.1	0.04
LAGERHEIMIA SP.	0.5	0.02
MALLOMONAS SP.	1.1	0.04
MELOSIRA GRANULATA	14.0	0.51
NAVICULA #78	3.2	0.12
NAVICULA BACILLUM	0.5	0.02
NAVICULA CAPITATA	0.5	0.02
NAVICULA CAPITATA V. LUNEBURGENSIS	2.7	0.10
NAVICULA CRYPTOCEPHALA	0.5	0.02
NAVICULA LATENS	1.1	0.04
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.02
NAVICULA PLACENTULA V. ROSTRATA	1.1	0.04
NAVICULA PLATYSTOMA V. PANTOCSEKII	0.5	0.02
NAVICULA PUPULA	0.5	0.02
NAVICULA SCUTELLOIDES	0.5	0.02
NAVICULA SP.	12.4	0.45
NAVICULA TRIPUNCTATA	0.5	0.02
NAVICULA TRIPUNCTATA V. CUNEATA	0.5	0.02
NEIDIUM #3	0.5	0.02
NITZSCHIA #1	3.8	0.14
NITZSCHIA #2	2.7	0.10
NITZSCHIA ACICULARIS	22.6	0.82
NITZSCHIA ACUTA	0.5	0.02
NITZSCHIA BACATA	0.5	0.02
NITZSCHIA CAPITELLATA	2.7	0.10
NITZSCHIA CONFINIS	5.4	0.20
NITZSCHIA DISSIPATA	3.2	0.12
NITZSCHIA FONTICOLA	1.1	0.04
NITZSCHIA KUETZINGIANA	0.5	0.02
NITZSCHIA LINEARIS V. TENUIS	0.5	0.02
NITZSCHIA PALEACEA	18.3	0.67
NITZSCHIA SP.	41.5	1.51
OCHROMONAS SP.	24.2	0.88
OSCILLATORIA SP.	0.5	0.02
PEDIASTRUM TETRAS	3.8	0.14
RHIZOSOLENIA ERIENSIS	3.2	0.12
SCENEDESMUS BICELLULARIS	5.4	0.20
SCENEDESMUS QUADRICAUDA V. LONGISPINA	8.6	0.31
SCENEDESMUS QUADRICAUDA	9.7	0.35
SCENEDESMUS SP.	10.8	0.39
SCENEDESMUS SPINOSUS	2.2	0.08
STAUROPIS ACUTIUSCULA	1.1	0.04
STEPHANODISCUS ALPINUS	9.2	0.33
STEPHANODISCUS BINDERANUS	2.7	0.10
STEPHANODISCUS MINUTUS	3.8	0.14
STEPHANODISCUS SP.	14.5	0.53
STEPHANODISCUS SUBTILIS	0.5	0.02
STEPHANODISCUS TENUIS	0.5	0.02
SURIRELLA ANGUSTA	1.6	0.06
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	0.5	0.02
SYNEDRA FILIFORMIS	114.7	4.17
SYNEDRA SP.	1.6	0.06
TABELLARIA FENESTRATA V. INTERMEDIA	48.4	1.76
TRACHELOMONAS SP.	0.5	0.02
TOTAL	2748.2	100.0

NDC 4-3 NO.OF FORMS = 38 DIVERSITY = 3.21

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

NDC 4-4 STATION NOT TAKEN -- TOO ROUGH

	CELLS/ML	PERCENT
ANACYSTIS INCERTA	401.1	46.97
ANACYSTIS THERMALIS	30.1	3.53
ANKISTRODESMUS GELIFACTUM	1.6	0.19
ASTERIONELLA FORMOSA	16.7	1.95
CHROMULINA PARVULA	5.9	0.69
CHRYSOPHYCEAN FLAGELLATE SPP.	12.9	1.51
CRYPTOMONAS SP.	9.7	1.13
CYCLOTELLA COMENSIS	8.6	1.01
CYCLOTELLA KUETZINGIANA	19.9	2.33
CYCLOTELLA MICHIGANIANA	15.1	1.77
CYCLOTELLA OCELLATA	1.1	0.13
CYCLOTELLA SP.	21.0	2.46
DINOBRYON BAVARICUM	1.6	0.19
DINOBRYON DIVERGENS	18.8	2.21
DINOBRYON FLAGELLATES	1.6	0.19
DINOFLAGELLATES	1.1	0.13
FLAGELLATES	71.1	8.32
FRAGILARIA CAPUCINA V. LANCEOLATA	3.2	0.38
FRAGILARIA CROTONENSIS	59.8	7.00
GLOEOCYSTIS PLANCTONICA	17.2	2.02
GLOEOCYSTIS SP.	11.3	1.32
GOMPHOSPHAERIA LACUSTRIS	43.1	5.04
GREEN COCCOID, UNKNOWN	9.2	1.07
LAGERHEIMIA CILIATA	0.5	0.06
MELOSIRA GRANULATA	1.1	0.13
MELOSIRA ITALICA	1.1	0.13
NAVICULA CRYPTOCEPHALA	0.5	0.06
NITZSCHIA ACICULARIS	1.1	0.13
NITZSCHIA KUETZINGIANA	1.1	0.13
NITZSCHIA PALEACEA	1.6	0.19
NITZSCHIA SP.	2.2	0.25
OCHROMONAS SP.	40.4	4.73
RHIZOSCIENIA ERIENSIS	1.1	0.13
SCENEDESMUS QUADRICAUDA	2.2	0.25
STEPHANODISCUS ALPINUS	1.1	0.13
STEPHANODISCUS SP.	1.1	0.13
SYNEDRA FILIFORMIS	11.3	1.32
TABELLARIA FENESTRATA V. INTERMEDIA	5.9	0.69
TOTAL	853.8	100.0

NDL 7-1 NO.OF FORMS = 97 DIVERSITY = 5.04

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES LANCEOLATA	0.5	0.04
ACTINASTRUM HANTZSCHII V. FLUVIATILE	5.4	0.37
AMPHORA OVALIS V. PEDICULUS	1.1	0.07
AMPHORA SP.	0.5	0.04
ANABAENA FLOS-AQUAE	21.5	1.49
ANACYSTIS CYANEA	10.8	0.75
ANACYSTIS INCERTA	93.7	6.49
ANACYSTIS THERMALIS	9.7	0.67
ANKISTRODESMUS #3	0.5	0.04
ANKISTRODESMUS FALCATUS	3.2	0.22
ASTERIONELLA FORMOSA	17.8	1.23
BITRICHIA SP.	1.1	0.07
CENTRIC DIATOM, UNKNOWN	72.1	5.00
CHROMULINA #1	2.2	0.15
CHROMULINA PARVULA	17.2	1.19
CHRYSOPHYCEAN FLAGELLATE SPP.	42.5	2.95
COELASTRUM SP.	5.4	0.37
COSMARIUM #1	1.1	0.07
CRUCIGENIA IRREGULARIS	4.3	0.30
CRUCIGENIA QUADRATA	6.5	0.45
CRYPTOMONAD SP.	3.2	0.22
CRYPTOMONAS SP.	18.8	1.31
CYCLOTELLA COMENSIS	0.5	0.04
CYCLOTELLA KUETZINGIANA	5.9	0.41
CYCLOTELLA MENEGHINIANA	61.9	4.29
CYCLOTELLA MICHIGANIANA	0.5	0.04
CYCLOTELLA OCELLATA	0.5	0.04
CYCLOTELLA SP.	8.1	0.56
DINOBRYON BAVARICUM	3.8	0.26
DINOBRYON DIVERGENS	9.2	0.63
DINOFLAGELLATES	11.3	0.78
FLAGELLATE A	0.5	0.04
FLAGELLATES	70.5	4.89
FRAGILARIA CAPUCINA V. LANCEOLATA	4.8	0.34
FRAGILARIA CAPUCINA	0.5	0.04
FRAGILARIA CONSTRUENS V. MINUTA	1.1	0.07
FRAGILARIA CROTONENSIS	54.4	3.77
FRAGILARIA LEPTOSTAURON	2.7	0.19
FRAGILARIA PINNATA	1.6	0.11
FRAGILARIA SP.	1.1	0.07
GLOEOCYSTIS PLANCTONICA	54.9	3.80
GLOEOCYSTIS SP.	164.7	11.41
GOMPHOSPHAERIA LACUSTRIS	107.7	7.46
GREEN CELLS, UNDETERMINED	4.8	0.34
KIRCHNERIELLA SP.	5.4	0.37
MELOSIRA GRANULATA	48.4	3.36
MELOSIRA GRANULATA V. ANGUSTISSIMA	3.8	0.26
MOUGEOTIA SP.	2.2	0.15
NAVICULA #78	0.5	0.04
NAVICULA AURORA	0.5	0.04
NAVICULA CRYPTOCEPHALA V. INTERMEDIA	4.8	0.34
NAVICULA CRYPTOCEPHALA V. VENETA	0.5	0.04
NAVICULA DECUSSIS	0.5	0.04
NAVICULA LATENS	1.1	0.07
NAVICULA MENISCULUS V. OBTUSA	0.5	0.04
NAVICULA MICROPUPULA	0.5	0.04
NAVICULA SP.	2.2	0.15
NAVICULA TRIPUNCTATA	0.5	0.04
NEIDIUM DUBIUM	0.5	0.04
NITZSCHIA #1	0.5	0.04
NITZSCHIA #2	1.1	0.07
NITZSCHIA ACICULARIS	4.8	0.34
NITZSCHIA BACATA	0.5	0.04
NITZSCHIA DISSIPATA	1.1	0.07
NITZSCHIA FONTICOLA	1.6	0.11
NITZSCHIA FRUSTULUM	0.5	0.04
NITZSCHIA KUETZINGIANA	0.5	0.04
NITZSCHIA PALEA	0.5	0.04
NITZSCHIA PALEACEA	1.6	0.11
NITZSCHIA SP.	1.1	0.07
OCHROMONAS SP.	45.2	3.13
OSCILLATORIA LIMNETICA	2.2	0.15
OSCILLATORIA RETZII	1.6	0.11
OSCILLATORIA SP.	1.1	0.07
SCENEDESMUS ACUMINATUS	19.4	1.34
SCENEDESMUS ACUTUS	8.6	0.60
SCENEDESMUS BICELLULARIS	10.8	0.75
SCENEDESMUS BIJUGA	1.1	0.07
SCENEDESMUS QUADRICAUDA V. BIORNATUS	2.2	0.15
SCENEDESMUS QUADRICAUDA V. LONGISPINA	33.4	2.31
SCENEDESMUS QUADRICAUDA	5.4	0.37
SCENEDESMUS SP.	49.0	3.39
STEPHANODISCUS ALPINUS	1.1	0.07
STEPHANODISCUS MINUTUS	4.8	0.34
STEPHANODISCUS SP.	64.6	4.48
STEPHANODISCUS SUBTILIS	73.8	5.11
STEPHANODISCUS TENUIS	27.5	1.90
SURIRELLA ANGUSTA	1.1	0.07
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	50.6	3.51
SYNEDRA FILIFORMIS	28.5	1.98
SYNEDRA SP.	1.6	0.11
SYNEDRA ULNA	0.5	0.04
SYNEDRA ULNA V. CHASEANA	0.5	0.04
TABELLARIA FENESTRATA V. INTERMEDIA	10.2	0.71
TABELLARIA SP.	0.5	0.04
TETRAEDRON CAUDATUM	0.5	0.04
TREUBARIA SETIGERUM	1.1	0.07
TOTAL	1443.3	100.0

NDC 7-3 NO.OF FORMS = 96 DIVERSITY = 3.52

COUNTED BY: N.S.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI	0.5	0.01
ACHNANTHES CLEVEI V. ROSTRATA	0.5	0.01
AMPHIPLEURA PELLUCIDA	0.5	0.01
AMPHORA OVALIS V. CONSTRICTA	0.5	0.01
ANABAENA FLOS-AQUAE	95.3	2.47
ANACYSTIS INCERTA	1493.9	38.79
ANACYSTIS SP.	7.5	0.20
ANACYSTIS THERMALIS	60.3	1.57
ANKISTRODESMUS #3	2.7	0.07
ANKISTRODESMUS FALCATUS	2.7	0.07
ANKISTRODESMUS GELIFACTUM	5.9	0.15
ASTERIONELLA FORMOSA	103.9	2.70
CENTRIC DIATOM, UNKNOWN	2.7	0.07
CERATIUM HIRUNDINELLA	1.6	0.04
CHROMULINA #1	10.2	0.27
CHROMULINA #2	16.1	0.42
CHROMULINA PARVULA	46.8	1.22
CHRYSOPHYCEAN FLAGELLATE SPP.	44.7	1.16
COELASTRUM SP.	3.2	0.08
CRUCIGENIA QUADRATA	2.2	0.06
CRYPTOMONAD SP.	1.1	0.03
CRYPTOMONAS SP.	27.5	0.71
CYCLOTELLA COMTA	4.8	0.13
CYCLOTELLA CRYPTICA	1.1	0.03
CYCLOTELLA KUETZINGIANA	26.9	0.70
CYCLOTELLA MENEGHINIANA V. PLANA	2.2	0.06
CYCLOTELLA MENEGHINIANA	5.9	0.15
CYCLOTELLA MICHIGANIANA	104.4	2.71
CYCLOTELLA OCELLATA	5.4	0.14
CYCLOTELLA SP.	4.8	0.13
CYCLOTELLA STELLIGERA	4.8	0.13
DACTYLOCOCCOPSIS LINEARIS	1.1	0.03
DIATOMA TENUE	0.5	0.01
DICTYOSPHAERIUM SP.	6.5	0.17
DINOBRYON BAVARICUM	1.1	0.03
DINOBRYON CYSTS	0.5	0.01
DINOBRYON DIVERGENS	112.0	2.91
DINOBRYON FLAGELLATES	32.8	0.85
DINOFLAGELLATES	13.5	0.35
FLAGELLATE A	3.8	0.10
FLAGELLATES	440.4	11.44
FRAGILARIA CROTONENSIS	298.2	7.75
FRAGILARIA PINNATA	1.1	0.03
FRAGILARIA SP.	1.1	0.03
FRAGILARIA VAUCHERIAE	0.5	0.01
GLOEOCYSTIS PLANCTONICA	37.7	0.98
GLOEOCYSTIS SP.	30.7	0.80
GOLENKINIA SP.	2.2	0.06
GREEN CELLS, UNDETERMINED	14.0	0.36
GREEN COCCOID, UNKNOWN	3.8	0.10
GYMNODINIUM SP.	0.5	0.01
MALLOMONAS PSEUDOCORONATA	0.5	0.01
MELOSIRA GRANULATA	11.8	0.31
MELOSIRA SP.	0.5	0.01
MOUGEOTIA SP.	4.3	0.11
NAVICULA COSTULATA	0.5	0.01
NAVICULA LANCEOLATA	0.5	0.01
NAVICULA LATENS	0.5	0.01
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.01
NAVICULA SP.	1.1	0.03
NITZSCHIA #1	3.2	0.08
NITZSCHIA ACICULARIS	5.4	0.14
NITZSCHIA ACUTA	2.2	0.06
NITZSCHIA CAPITELLATA	0.5	0.01
NITZSCHIA CONFINIS	2.7	0.07
NITZSCHIA DISSIPATA	1.1	0.03
NITZSCHIA FONTICOLA	2.2	0.06
NITZSCHIA KUETZINGIANA	1.6	0.04
NITZSCHIA PALEA	0.5	0.01
NITZSCHIA PALEACEA	4.3	0.11
NITZSCHIA SP.	2.2	0.06
OCHROMONAS SP.	502.3	13.04
OOCYSTIS SP.	2.2	0.06
OSCILLATORIA SP.	0.5	0.01
PEDIASTRUM BIRADIATUM	17.8	0.46
RHIZOSOLENIA ERIENSIS	1.6	0.04
RHIZOSOLENIA SP.	0.5	0.01
SCENEDESMUS ACUMINATUS	8.6	0.22
SCENEDESMUS BICELLULARIS	18.3	0.48
SCENEDESMUS BIJUGA	2.2	0.06
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.3	0.11
SCENEDESMUS QUADRICAUDA	1.1	0.03
SCENEDESMUS SP.	5.4	0.14
STAURASTRUM PARADOXICUM	0.5	0.01
STEPHANODISCUS ALPINUS	4.3	0.11
STEPHANODISCUS MINUTUS	11.3	0.29
STEPHANODISCUS SP.	6.5	0.17
STEPHANODISCUS SUBTILIS	18.3	0.48
STEPHANODISCUS TENUIS	3.2	0.08
SURIRELLA ANGUSTA	1.1	0.03
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	4.8	0.13
SYNEDRA FILIFORMIS	30.1	0.78
SYNEDRA SP.	4.8	0.13
TABELLARIA FENESTRATA V. INTERMEDIA	57.6	1.50
TABELLARIA FLOCCULOSA	3.8	0.10
TETRAEDRON CAUDATUM	0.5	0.01
TOTAL	3850.7	100.0

NDC 7-5 NO.OF FORMS = 59 DIVERSITY = 3.07

COUNTED BY: N.S.

METHOD: SPTTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	0.5	0.02
AMPHIPLEURA PELLUCIDA	1.1	0.05
ANABAENA FLOS-AQUAE	87.2	3.98
ANACYSTIS INCERTA	880.2	40.18
ANACYSTIS SP.	1.1	0.05
ANACYSTIS THERMALIS	33.4	1.52
ANKISTRODESMUS FALCATUS	2.7	0.12
ANKISTRODESMUS GELIFACTUM	2.7	0.12
ANKISTRODESMUS SP.	0.5	0.02
ASTERIONELLA FORMOSA	49.0	2.24
CENTRIC DIATOM, UNKNOWN	0.5	0.02
CERATIUM HIRUNDINELLA	1.6	0.07
CHROMULINA #1	1.1	0.05
CHROMULINA PARVULA	23.1	1.06
CHRYSOPHYCEAN FLAGELLATE SPP.	17.2	0.79
COSMARIUM #1	0.5	0.02
CRUCIGENIA QUADRATA	2.2	0.10
CRYPTOMONAD SP.	1.1	0.05
CRYPTOMONAS SP.	39.8	1.82
CYCLOTELLA COMTA	2.2	0.10
CYCLOTELLA KUETZINGIANA	10.8	0.49
CYCLOTELLA MENEGHINIANA	2.7	0.12
CYCLOTELLA MICHIGANIANA	38.2	1.74
CYCLOTELLA (CELLATA)	0.5	0.02
CYCLOTELLA SP.	0.5	0.02
CYCLOTELLA STELLIGERA	1.1	0.05
DINOBRYON BAVARICUM	4.3	0.20
DINOBRYON DIVERGENS	47.4	2.16
DINOBRYON FLAGELLATES	2.7	0.12
DINOBRYON SP.	2.2	0.10
DINOFLAGELLATES	7.0	0.32
FLAGELLATES	439.8	20.08
FRAGILARIA CROTONENSIS	84.5	3.86
FRAGILARIA INTERMEDIA	0.5	0.02
GLOEOCYSTIS PLANCTONICA	42.0	1.92
GLOEOCYSTIS SP.	10.8	0.49
GREEN COCCOID, UNKNOWN	8.1	0.37
MELOSIRA GRANULATA	1.6	0.07
MELOSIRA ITALICA	2.2	0.10
NAVICULA SP.	0.5	0.02
NITZSCHIA ACICULARIS	1.1	0.05
NITZSCHIA CONFINIS	3.2	0.15
NITZSCHIA SP.	0.5	0.02
OCHROMONAS SP.	270.2	12.34
OOCYSTIS SP.	2.2	0.10
OSCILLATORIA LIMNETICA	0.5	0.02
RHIZOSOLENIA ERIENSIS	3.2	0.15
RHIZOSOLENIA GRACILIS	0.5	0.02
SCENEDESMUS ARCUATUS	4.3	0.20
SCENEDESMUS BICELLULARIS	8.6	0.39
SCENEDESMUS BIJUGA	2.2	0.10
STEPHANODISCUS ALPINUS	1.1	0.05
STEPHANODISCUS MINUTUS	1.6	0.07
STEPHANODISCUS SUBTILIS	1.6	0.07
STEPHANODISCUS TENUIS	2.7	0.12
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	2.7	0.12
SYNEDRA FILIFORMIS	7.0	0.32
TABELLARIA FENESTRATA V. INTERMEDIA	17.8	0.81
TABELLARIA FLOCCULOSA	4.3	0.20
TOTAL	2190.5	100.0

SDC.5-C NO.OF FORMS = 84 DIVERSITY = 4.45
COUNTED BY: S.K.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.1	0.05
ACHNANTHES SP.	1.1	0.05
AMPHIPLEURA PELLUCIDA	1.1	0.05
AMPHORA FONTICOLA	0.5	0.02
AMPHORA OVALIS V. PEDICULUS	2.2	0.10
AMPHORA SIBIRICA	2.2	0.10
AMPHORA SP.	2.7	0.12
ANABAENA FLOS-AQUAE	85.1	3.84
ANACYSTIS INCERTA	244.9	11.05
ANACYSTIS THERMALIS	32.3	1.46
ANKISTRODESMUS #3	2.7	0.12
ANKISTRODESMUS FALCATUS	1.1	0.05
ASTERIONELLA FORMOSA	121.1	5.46
CHRYSOPHYCEAN FLAGELLATE SPP.	32.8	1.48
CRUCIGENIA QUADRATA	4.3	0.19
CRYPTOMONAS SP.	47.9	2.16
CYCLOTELLA AUXOSPORE	1.1	0.05
CYCLOTELLA COMENSIS	7.5	0.34
CYCLOTELLA COMTA	0.5	0.02
CYCLOTELLA CRYPTICA	0.5	0.02
CYCLOTELLA KUETZINGIANA	28.0	1.26
CYCLOTELLA MENEGHINIANA	2.2	0.10
CYCLOTELLA MICHIGANIANA	26.9	1.21
CYCLOTELLA OCELLATA	8.6	0.39
CYCLOTELLA OPERCULATA	0.5	0.02
DINOBRYON BAVARICUM	27.5	1.24
DINOBRYON DIVERGENS	174.4	7.87
DINOFLAGELLATE CYSTS	0.5	0.02
DINOFLAGELLATES	14.0	0.63
FLAGELLATE A	0.5	0.02
FLAGELLATES	155.0	6.99
FRAGILARIA CAPUCINA V. LANCEOLATA	9.7	0.44
FRAGILARIA CAPUCINA	45.2	2.04
FRAGILARIA CONSTRUENS	4.8	0.22
FRAGILARIA CROTONENSIS	255.2	11.51
FRAGILARIA PINNATA	2.7	0.12
FRAGILARIA SP.	1.6	0.07
GLOEOCYSTIS PLANCTONICA	74.8	3.37
GLOEOCYSTIS SP.	29.6	1.34
GOMPHONEMA OLIVACEUM	1.1	0.05
GOMPHOSPHAERIA APONINA	161.5	7.28
GOMPHOSPHAERIA LACUSTRIS	269.2	12.14
GREEN FILAMENT, UNKNOWN	0.5	0.02
GYROSIGMA SP.	0.5	0.02
MALLOMONAS PSEUDOCORONATA	**1.6**	**0.07**
MELOSIRA GRANULATA	3.2	0.15
NAVICULA #78	0.5	0.02
NAVICULA ANGLICA V. SIGNATA	0.5	0.02
NAVICULA CAPITATA	1.1	0.05
NAVICULA CAPITATA V. LUNEBURGENSIS	0.5	0.02
NAVICULA DECUSSIS	0.5	0.02
NAVICULA LATENS	3.2	0.15
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.02
NAVICULA RADIOSA	0.5	0.02
NAVICULA SP.	5.4	0.24
NEIDIUM DUBIUM	0.5	0.02
NITZSCHIA #2	1.1	0.05
NITZSCHIA ACICULARIS	11.3	0.51
NITZSCHIA ACUTA	1.6	0.07
NITZSCHIA BACATA	1.6	0.07
NITZSCHIA CONFINIS	2.2	0.10
NITZSCHIA DISSIPATA	2.7	0.12
NITZSCHIA KUETZINGIANA	2.2	0.10
NITZSCHIA PALEA	5.9	0.27
NITZSCHIA PALEACEA	1.6	0.07
NITZSCHIA SP.	11.8	0.53
OCHROMONAS SP.	38.8	1.75
OESTRUPIA ZACHARIASI	1.1	0.05
OOCYSTIS SP.	2.2	0.10
PEDIASTRUM DUPLEX V. CLATHRATUM	12.4	0.56
PERIDINIUM SP.	1.6	0.07
RHIZOSOLENIA ERIENSIS	0.5	0.02
RHIZOSOLENIA GRACILIS	1.1	0.05
SCENEDESMUS QUADRICAUDA V. LONGISPINA	4.3	0.19
SCENEDESMUS SP.	3.8	0.17
STEPHANODISCUS ALPINUS	2.2	0.10
STEPHANODISCUS BINDERANUS	2.7	0.12
STEPHANODISCUS MINUTUS	5.4	0.24
STEPHANODISCUS TENUIS	8.1	0.36
SURIRELLA ANGUSTA	1.1	0.05
SYNEDRA FILIFORMIS	67.3	3.03
SYNURA SP.	10.8	0.49
TABELLARIA FENESTRATA V. INTERMEDIA	105.5	4.76
TABELLARIA FLOCCULOSA	1.1	0.05
TOTAL	2217.4	100.0

SDC.5-1 NO.OF FORMS = 65 DIVERSITY = 3.49

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.1	0.06
ACHNANTHES SP.	0.5	0.03
AMPHORA OVALIS	2.2	0.13
AMPHORA SP.	0.5	0.03
ANABAENA FLOS-AQUAE	18.8	1.14
ANACYSTIS INCERTA	468.3	28.23
ANACYSTIS THERMALIS	4.3	0.26
ANKISTRODESMUS #3	1.1	0.06
ASTERIONELLA FORMOSA	59.8	3.60
CHROMULINA PARVULA	0.5	0.03
CHRYSOPHYCEAN FLAGELLATE SPP.	33.4	2.01
CLOSTERIUM SP.	0.5	0.03
COSMARIUM #1	1.1	0.06
CRYPTOMONAS SP.	14.5	0.88
CYCLOTELLA COMENSIS	18.3	1.10
CYCLOTELLA COMTA	2.2	0.13
CYCLOTELLA KUETZINGIANA	24.2	1.46
CYCLOTELLA MENEGHINIANA V. PLANA	1.1	0.06
CYCLOTELLA MENEGHINIANA	3.2	0.19
CYCLOTELLA MICHIGANIANA	42.0	2.53
CYCLOTELLA OCELLATA	3.2	0.19
CYCLOTELLA SP.	4.8	0.29
DINOBRYON BAVARICUM	1.6	0.10
DINOBRYON DIVERGENS	58.7	3.54
DINOFLAGELLATES	3.2	0.19
FLAGELLATES	121.1	7.30
FRAGILARIA CAPUCINA V. LANCEOLATA	11.3	0.68
FRAGILARIA CROTONENSIS	70.0	4.22
FRAGILARIA INTERMEDIA V. FALLAX	1.1	0.06
FRAGILARIA PINNATA	2.7	0.16
GLOEOCYSTIS PLANCTONICA	42.5	2.56
GLOEOCYSTIS SP.	12.9	0.78
GOMPHOSPHAERIA LACUSTRIS	457.6	27.58
GYROSIGMA ATTENUATUM	0.5	0.03
LAGERHEIMIA SP.	0.5	0.03
MELOSIRA GRANULATA	8.6	0.52
NAVICULA CAPITATA	0.5	0.03
NAVICULA CAPITATA V. LUNEBURGENSIS	1.1	0.06
NAVICULA LATENS	0.5	0.03
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.03
NAVICULA SCUTELLOIDES	0.5	0.03
NAVICULA SP.	1.1	0.06
NAVICULA TRIPUNCTATA	0.5	0.03
NITZSCHIA #1	1.1	0.06
NITZSCHIA ACICULARIS	2.2	0.13
NITZSCHIA ACUTA	1.1	0.06
NITZSCHIA CONFINIS	1.1	0.06
NITZSCHIA DISSIPATA	0.5	0.03
NITZSCHIA KUETZINGIANA	1.6	0.10
NITZSCHIA PALEACEA	0.5	0.03
NITZSCHIA SP.	3.2	0.19
OCHROMONAS SP.	67.8	4.09
RHIZOSOLENIA ERIENSIS	1.6	0.10
RHIZOSOLENIA GRACILIS	1.1	0.06
SCENEDESMUS QUADRICAUDA V. LONGISPINA	6.5	0.39
SCENEDESMUS SP.	2.2	0.13
STEPHANODISCUS ALPINUS	2.7	0.16
STEPHANODISCUS MINUTUS	4.3	0.26
STEPHANODISCUS SP.	11.3	0.68
STEPHANODISCUS TENUIS	2.2	0.13
SURIRELLA ANGUSTA	0.5	0.03
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	0.5	0.03
SYNEDRA FILIFORMIS	15.6	0.94
TABELLARIA FENESTRATA V. INTERMEDIA	28.0	1.69
TETRAEDRON SP.	0.5	0.03
TOTAL	1659.1	100.0

SOC.-2 NO.OF FORMS = 81 DIVERSITY = 3.94

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	0.5	0.02
ASTERIONELLA QUADRUPLICATUM	336.5	10.15
AMPHIPLEURA PELLUCIDA	1.1	0.03
AMPHORA OVALIS	1.1	0.03
AMPHORA OVALIS V. PEDICULUS	2.7	0.08
AMPHORA SP.	1.6	0.05
ANABAENA FLOS-AQUAE	340.2	10.26
ANACYSTIS INCERTA	853.3	25.74
ANACYSTIS THERMALIS	132.4	3.99
ANKISTRODESMUS #3	4.3	0.13
ANKISTRODESMUS GELIFACTUM	0.5	0.02
ASTERIONELLA FORMOSA	99.1	2.99
BITRICHIA SP.	1.1	0.03
CERATIUM HIRUNDINELLA	0.5	0.02
CHROMULINA #1	7.0	0.21
CHROMULINA PARVULA	19.4	0.58
CHRYSOPHYCEAN FLAGELLATE SPP.	36.1	1.09
CRUCIGENIA QUADRATA	4.3	0.13
CRYPTOMONAS SP.	14.0	0.42
CYCLOTELLA COMENSIS	19.4	0.58
CYCLOTELLA KUETZINGIANA	32.3	0.97
CYCLOTELLA MICHIGANIANA	29.6	0.89
CYCLOTELLA OPERCULATA	0.5	0.02
CYCLOTELLA SP.	42.5	1.28
DINOBRYON BAVARICUM	17.8	0.54
DINOBRYON DIVERGENS	200.8	6.06
DINOBRYON FLAGELLATES	6.3	0.19
DINOFLAGELLATES	2.7	0.08
FLAGELLATES	141.0	4.25
FRAGILARIA CAPUCINA V. LANCEOLATA	23.1	0.70
FRAGILARIA CAPUCINA	8.6	0.26
FRAGILARIA CROTONENSIS	60.8	1.84
FRAGILARIA PINNATA	1.6	0.05
FRAGILARIA SP.	1.1	0.03
FRAGILARIA VAUCHERIAE	0.5	0.02
GLOEOCYSTIS PLANCTONICA	15.6	0.47
GLOEOCYSTIS SP.	38.2	1.15
GONIONEMA SP.	0.5	0.02
GOMPHOSPHAERIA LACUSTRIS	468.3	14.13
GREEN COCCOID, UNKNOWN	24.8	0.75
KIRCHNERIELLA LUNARIS	3.2	0.10
LAGERHEIMIA LONGISETA	0.5	0.02
NAVICULA CAPITATA	1.1	0.03
NAVICULA LATENS	1.6	0.05
NAVICULA MICROPUPULA	2.7	0.08
NAVICULA PUPULA	0.5	0.02
NAVICULA SP.	1.1	0.03
NITZSCHIA #1	2.2	0.06
NITZSCHIA ACICULARIS	5.9	0.18
NITZSCHIA ACUTA	1.1	0.03
NITZSCHIA DACATA	0.5	0.02
NITZSCHIA CAPITELLATA	1.1	0.03
NITZSCHIA CONFINIS	1.6	0.05
NITZSCHIA DISSIPATA	1.6	0.05
NITZSCHIA FONTICOLA	1.1	0.03
NITZSCHIA KUETZINGIANA	1.6	0.05
NITZSCHIA PALEACEA	3.8	0.11
NITZSCHIA SP.	12.9	0.39
OCHROMONAS SP.	79.7	2.40
PEDIASTRUM BIRADIATUM	8.1	0.24
PEDIASTRUM TETRAS	2.2	0.06
RHIZOSOLENIA ERIENSIS	5.4	0.16
RHIZOSOLENIA GRACILIS	1.1	0.03
SCENEDESMUS ACUMINATUS	4.3	0.13
SCENEDESMUS QUADRICAUDA V. LONGISPINA	5.4	0.16
SCENEDESMUS QUADRICAUDA	5.4	0.16
STEPHANODISCUS ALPINUS	2.7	0.08
STEPHANODISCUS BINDERANUS	1.1	0.03
STEPHANODISCUS MINUTUS	3.8	0.11
STEPHANODISCUS SP.	7.5	0.23
STEPHANODISCUS SUBTILIS	2.2	0.06
STEPHANODISCUS TENUIS	1.6	0.05
SURIRELLA ANGUSTA	0.5	0.02
SYNEDRA DELICATISSIMA V. ANGUSTISSIMA	0.5	0.02
SYNEDRA DEMERARAE	5.9	0.18
SYNEDRA FILIFORMIS	36.0	1.09
SYNEDRA MINUSCULA	1.6	0.05
SYNEDRA SP.	32.8	0.99
TABELLARIA FENESIRATA	2.2	0.06
TABELLARIA FENESTRATA V. INTERMEDIA	48.4	1.46
TETRAEDRON MINIMUM	0.5	0.02
TOTAL	3315.0	100.0

SDC 1-0 NO.OF FORMS = 89 DIVERSITY = 4.33

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.1	0.06
ACHNANTHES SP.	1.1	0.06
AMPHIPLEURA PELLUCIDA	1.6	0.09
AMPHIPRORA ORNATA	0.5	0.03
AMPHORA OVALIS	2.7	0.15
AMPHORA OVALIS V. PEDICULUS	2.7	0.15
AMPHORA SIBIRICA	2.7	0.15
AMPHORA SP.	4.8	0.27
ANACYSTIS THERMALIS	63.5	3.55
ANKISTRODESMUS #3	1.1	0.06
ANKISTRODESMUS FALCATUS	1.6	0.09
ASTERIONELLA FORMOSA	127.0	7.09
CALONEIS SP.	1.1	0.06
CALONEIS VENTRICOSA V. MINUTA	0.5	0.03
CERATIUM HIRUNDINELLA	0.5	0.03
CHRYSOPHYCEAN FLAGELLATE SPP.	28.5	1.59
COSMARIUM #1	0.5	0.03
CRYPTOMONAS SP.	33.9	1.89
CYCLOTELLA ANTIQUA	2.2	0.12
CYCLOTELLA COMENSIS	29.6	1.65
CYCLOTELLA COMTA	2.7	0.15
CYCLOTELLA KUETZINGIANA	31.2	1.74
CYCLOTELLA MENEGHINIANA	0.5	0.03
CYCLOTELLA MICHIGANIANA	42.5	2.37
CYCLOTELLA OCELLATA	8.6	0.48
CYMATOPLEURA SOLEA	2.2	0.12
CYMBELLA SP.	1.1	0.06
DINOBRYON BAVARICUM	12.4	0.69
DINOBRYON DIVERGENS	108.2	6.04
DINOBRYON FLAGELLATES	15.6	0.87
DINOBRYON SP.	1.6	0.09
FLAGELLATES	141.6	7.90
FRAGILARIA CAPUCINA V. LANCEOLATA	45.8	2.55
FRAGILARIA CONSTRUENS	2.7	0.15
FRAGILARIA CONSTRUENS V. BINODIS	0.5	0.03
FRAGILARIA CROTONENSIS	477.0	26.62
FRAGILARIA PINNATA	3.2	0.18
FRAGILARIA SP.	1.1	0.06
FRAGILARIA VAUCHERIAE	0.5	0.03
GLOBOCYSTIS PLANCTONICA	56.5	3.16
GLOBOCYSTIS SP.	10.2	0.57
GOLENKINIA RADIATA	0.5	0.03
GOMPHOSPHAERIA LACUSTRIS	80.7	4.51
GREEN FILAMENT, UNKNOWN	1.1	0.06
LAGERHEIMIA SP.	1.6	0.09
MALLOMONAS PSEUDOCORONATA	0.5	0.03
MELOSIRA GRANULATA	7.0	0.39
NAVICULA #78	1.1	0.06
NAVICULA CAPITATA	1.1	0.06
NAVICULA CAPITATA V. LUNEBURGENSIS	2.7	0.15
NAVICULA DECUSSIS	6.5	0.36
NAVICULA EXIGUA	1.1	0.06
NAVICULA LANCEOLATA	1.1	0.06
NAVICULA LATENS	5.9	0.33
NAVICULA MENISCULUS V. UPSALIENSIS	2.7	0.15
NAVICULA PUPULA V. ROSTRATA	0.5	0.03
NAVICULA SP.	5.9	0.33
NAVICULA TRIPUNCTATA	0.5	0.03
NAVICULA VIRIDULA	0.5	0.03
NEIDIUM DUBIUM V. #1	0.5	0.03
NITZSCHIA ACICULARIS	8.6	0.48
NITZSCHIA ACUTA	0.5	0.03
NITZSCHIA BACATA	3.8	0.21
NITZSCHIA CONFINIS	3.2	0.18
NITZSCHIA DISSIPATA	4.8	0.27
NITZSCHIA KUETZINGIANA	4.3	0.24
NITZSCHIA PALEA	6.5	0.36
NITZSCHIA PALEACEA	4.3	0.24
NITZSCHIA SP.	22.1	1.23
OCHROMONAS SP.	85.6	4.78
OESTRUPIA ZACHARIASI	1.1	0.06
OOCYSTIS SP.	4.3	0.24
PERIDINIUM SP.	1.1	0.06
RHIZOSOLENIA ERIENSIS	0.5	0.03
RHIZOSOLENIA GRACILIS	1.6	0.09
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.12
SCENEDESMUS QUADRICAUDA	2.2	0.12
SCENEDESMUS SP.	4.3	0.24
STEPHANODISCUS ALPINUS	2.7	0.15
STEPHANODISCUS MINUTUS	15.6	0.87
STEPHANODISCUS TENUIS	1.1	0.06
SURIRELLA ANGUSTA	0.5	0.03
SYNEDRA FILIFORMIS	77.0	4.30
SYNEDRA SP.	0.5	0.03
SYNURA SP.	67.3	3.76
TABELLARIA FENESTRATA V. INTERMEDIA	67.3	3.76
TABELLARIA FLOCCULOSA	2.2	0.12
TETRASTRUM STAUROGENIAEFORME	1.6	0.09
TOTAL	1791.6	100.0

SDC 1-1 NO.OF FORMS = 72 DIVERSITY = 3.87
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	0.5	0.03
AMPHIPLEURA PELLUCIDA	0.5	0.03
AMPHORA OVALIS	0.5	0.03
AMPHORA OVALIS V. PEDICULUS	0.5	0.03
AMPHORA SP.	2.2	0.13
ANABAENA FLOS-AQUAE	32.3	1.91
ANACYSTIS INCERTA	465.7	27.52
ANACYSTIS THERMALIS	36.6	2.16
ANKISTRODESMUS #3	0.5	0.03
ANKISTRODESMUS FALCATUS	0.5	0.03
ANKISTRODESMUS GELIFACTUM	2.2	0.13
ASTERIONELLA FORMOSA	79.7	4.71
BITRICHIA SP.	1.1	0.06
CHROMULINA #1	6.5	0.38
CHROMULINA #2	21.5	1.27
CHROMULINA PARVULA	4.8	0.29
CHRYSOPHYCEAN FLAGELLATE SPP.	24.8	1.46
COSMARIUM #1	0.5	0.03
CRUCIGENIA QUADRATA	12.9	0.76
CRYPTOMONAS SP.	25.3	1.50
CYCLOTELLA COMENSIS	18.3	1.08
CYCLOTELLA KUETZINGIANA	16.1	0.95
CYCLOTELLA MENEGHINIANA	0.5	0.03
CYCLOTELLA MICHIGANIANA	28.5	1.69
CYCLOTELLA OCELLATA	0.5	0.03
CYCLOTELLA OPERCULATA	0.5	0.03
CYCLOTELLA SP.	31.8	1.88
DINOBRYON BAVARICUM	5.4	0.32
DINOBRYON DIVERGENS	19.4	1.15
DINOBRYON FLAGELLATES	1.1	0.06
DINOFLAGELLATES	1.6	0.10
DIPLONEIS OCULATA	0.5	0.03
FLAGELLATES	205.6	12.15
FRAGILARIA CONSTRUENS V. VENTER	0.5	0.03
FRAGILARIA CROTONENSIS	72.7	4.30
GLOEOCYSTIS PLANCTONICA	31.8	1.88
GLOEOCYSTIS SP.	57.1	3.37
GOMPHOSPHAERIA LACUSTRIS	226.1	13.36
MALLOMONAS SP.	0.5	0.03
MELOSIRA GRANULATA	3.2	0.19
MELOSIRA ITALICA	0.5	0.03
NAVICULA #78	0.5	0.03
NAVICULA ANGLICA V. SIGNATA	0.5	0.03
NAVICULA CAPITATA V. LUNEBURGENSIS	0.5	0.03
NAVICULA CRYPTOCEPHALA V. VENETA	0.5	0.03
NAVICULA DECUSSIS	0.5	0.03
NAVICULA LATENS	0.5	0.03
NAVICULA PUPULA V. RECTANGULARIS	0.5	0.03
NAVICULA PUPULA	0.5	0.03
NEPHROCYTIUM OBESUM	1.1	0.06
NITZSCHIA ACICULARIS	8.1	0.48
NITZSCHIA BACATA	1.1	0.06
NITZSCHIA CONFINIS	1.1	0.06
NITZSCHIA DISSIPATA	0.5	0.03
NITZSCHIA KUETZINGIANA	1.6	0.10
NITZSCHIA PALEA	1.1	0.06
NITZSCHIA PALEACEA	0.5	0.03
NITZSCHIA SP.	7.0	0.41
OCHROMONAS SP.	150.2	8.88
OSCILLATORIA LIMNETICA	0.5	0.03
RHIZOSOLENIA ERIENSIS	3.2	0.19
RHIZOSOLENIA GRACILIS	0.5	0.03
SCENEDESMUS BICELLULARIS	2.2	0.13
SCENEDESMUS QUADRICAUDA	2.2	0.13
SCENEDESMUS SP.	2.2	0.13
STEPHANODISCUS ALPINUS	2.7	0.16
STEPHANODISCUS MINUTUS	4.8	0.29
STEPHANODISCUS SP.	4.3	0.25
STEPHANODISCUS SUBTILIS	1.1	0.06
STEPHANODISCUS TENUIS	1.6	0.10
SYNEDRA FILIFORMIS	32.8	1.94
TABELLARIA FENESTRATA V. INTERMEDIA	15.6	0.92
TOTAL	1692.0	100.0

SDC 1-2 NO.OF FORMS = 58 DIVERSITY = 3.89

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.1	0.07
AMPHORA OVALIS	0.5	0.03
AMPHORA SP.	0.5	0.03
ANABAENA FLOS-AQUAE	74.8	4.70
ANACYSTIS INCERTA	339.1	21.31
ANACYSTIS THERMALIS	47.9	3.01
ANKISTRODESMUS #3	2.7	0.17
ASTERIONELLA FORMOSA	71.1	4.46
CERATIUM HIRUNDINELLA	0.5	0.03
CHRYSOPHYCEAN FLAGELLATE SPP.	75.9	4.77
CRYPTOMONAS SP.	19.9	1.25
CYCLOTELLA ANTIQUA	0.5	0.03
CYCLOTELLA AUXOSPORE	0.5	0.03
CYCLOTELLA COMTA	1.6	0.10
CYCLOTELLA KUETZINGIANA	22.6	1.42
CYCLOTELLA MENEGHINIANA	1.1	0.07
CYCLOTELLA MICHIGANIANA	57.6	3.62
CYCLOTELLA OCELLATA	9.7	0.61
CYCLOTELLA STELLIGERA	0.5	0.03
DIATOMA TENUE V. ELONGATUM	1.6	0.10
DINOBRYON BAVARICUM	2.2	0.14
DINOBRYON DIVERGENS	43.6	2.74
DINOBRYON FLAGELLATES	16.7	1.05
DINOFLAGELLATES	2.7	0.17
FLAGELLATES	268.6	16.88
FRAGILARIA CAPUCINA V. LANCEOLATA	19.4	1.22
FRAGILARIA CROTONENSIS	65.7	4.13
GLENODINIUM SP.	0.5	0.03
GLOEOCYSTIS PLANCTONICA	39.8	2.50
GLOEOCYSTIS SP.	5.4	0.34
GOMPHOSPHAERIA LACUSTRIS	188.4	11.84
GREEN CELLS, UNDETERMINED	8.6	0.54
NAVICULA CAPITATA V. LUNEBURGENSIS	0.5	0.03
NAVICULA COMPLETA	0.5	0.03
NAVICULA DECUSSIS	1.1	0.07
NAVICULA LATENS	0.5	0.03
NAVICULA SP.	0.5	0.03
NITZSCHIA #1	0.5	0.03
NITZSCHIA ACICULARIS	5.4	0.34
NITZSCHIA ACUTA	1.1	0.07
NITZSCHIA DISSIPATA	0.5	0.03
NITZSCHIA KUETZINGIANA	2.7	0.17
NITZSCHIA PALEA	1.1	0.07
NITZSCHIA PALEACEA	2.7	0.17
NITZSCHIA SP.	2.2	0.14
OCHROMONAS SP.	116.3	7.30
OSCILLATORIA LIMNETICA	1.1	0.07
OSCILLATORIA SP.	1.1	0.07
RHIZOSOLENIA ERIENSIS	1.6	0.10
SCENEDESMUS QUADRICAUDA	4.3	0.27
SCENEDESMUS SP.	3.2	0.20
STEPHANODISCUS ALPINUS	1.1	0.07
STEPHANODISCUS MINUTUS	3.8	0.24
STEPHANODISCUS SUBTILIS	0.5	0.03
STEPHANODISCUS TENUIS	0.5	0.03
SYNEDRA FILIFORMIS	18.3	1.15
TABELLARIA FENESTRATA V. INTERMEDIA	27.5	1.72
TETRASTRUM STAUROGENIAEFORME	1.6	0.10
TOTAL	**1591.8**	**100.0**

SDC 2-0 NO.OF FORMS = 93 DIVERSITY = 4.58

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	2.7	0.12
ACHNANTHES LANCEOLATA V. DUBIA	0.5	0.02
ACHNANTHES SP.	1.6	0.07
AMPHIPLEURA PELLUCIDA	1.1	0.05
AMPHORA OVALIS	1.6	0.07
AMPHORA OVALIS V. PEDICULUS	0.5	0.02
AMPHORA SIBIRICA	0.5	0.02
AMPHORA SP.	12.9	0.56
ANABAENA FLOS-AQUAE	59.8	2.60
ANACYSTIS INCERTA	153.4	6.69
ANACYSTIS THERMALIS	20.5	0.89
ANKISTRODESMUS #3	3.2	0.14
ANKISTRODESMUS FALCATUS	1.1	0.05
ASTERIONELLA FORMOSA	207.3	9.03
CALONEIS SP.	1.6	0.07
CALONEIS VENTRICOSA V. MINUTA	1.6	0.07
CHLORELLA SP.	1.6	0.07
CHROMULINA #1	3.2	0.14
CHROMULINA #2	18.8	0.82
CHROMULINA PARVULA	23.1	1.01
CHRYSOPHYCEAN FLAGELLATE SPP.	14.0	0.61
CRYPTOMONAD SP.	3.8	0.16
CRYPTOMONAS SP.	42.0	1.83
CRYPTOPHYCEAN FLAGELLATES	3.2	0.14
CYCLOTELLA KUETZINGIANA	25.3	1.10
CYCLOTELLA MENEGHINIANA	0.5	0.02
CYCLOTELLA MICHIGANIANA	85.6	3.73
CYCLOTELLA OCELLATA	0.5	0.02
CYCLOTELLA SP.	7.5	0.33
CYCLOTELLA STELLIGERA	1.6	0.07
CYMBELLA CUSPIDATA	0.5	0.02
CYMBELLA OBTUSIUSCULA	0.5	0.02
DENTICULA TENUIS V. CRASSULA	0.5	0.02
DINOBRYON BAVARICUM	42.5	1.85
DINOBRYON DIVERGENS	41.5	1.81
DINOBRYON FLAGELLATES	12.4	0.54
DINOFLAGELLATES	5.4	0.23
FLAGELLATE A	1.1	0.05
FLAGELLATES	180.3	7.86
FRAGILARIA CAPUCINA	1.1	0.05
FRAGILARIA CONSTRUENS	4.3	0.19
FRAGILARIA CONSTRUENS V. MINUTA	1.1	0.05
FRAGILARIA CONSTRUENS V. VENTER	1.6	0.07
FRAGILARIA CROTONENSIS	435.5	18.98
FRAGILARIA SP.	5.9	0.26
GLOEOCYSTIS PLANCTONICA	77.0	3.36
GLOEOCYSTIS SP.	54.9	2.39
GOMPHONEMA SP.	0.5	0.02
GOMPHOSPHAERIA LACUSTRIS	78.1	3.40
GREEN COCCOID, UNKNOWN	26.9	1.17
KIRCHNERIELLA SP.	0.5	0.02
LAGERHEIMIA CILIATA	0.5	0.02
MALLOMONAS SP.	1.1	0.05
MELOSIRA GRANULATA	4.3	0.19
MELOSIRA ITALICA	3.2	0.14
MELOSIRA SP.	0.5	0.02
NAVICULA #78	1.6	0.07
NAVICULA CAPITATA	5.4	0.23
NAVICULA CAPITATA V. LUNEBURGENSIS	0.5	0.02
NAVICULA CRYPTOCEPHALA V. VENETA	0.5	0.02
NAVICULA DECUSSIS	5.9	0.26
NAVICULA LATENS	4.8	0.21
NAVICULA MENISCULUS V. UPSALIENSIS	2.7	0.12
NAVICULA NYASSENSIS F. MINOR	2.2	0.09
NAVICULA SP.	7.0	0.31
NITZSCHIA #1	4.8	0.21
NITZSCHIA ACICULARIS	15.6	0.68
NITZSCHIA ACUTA	1.6	0.07
NITZSCHIA CAPITELLATA	1.1	0.05
NITZSCHIA CONFINIS	1.6	0.07
NITZSCHIA DISSIPATA	1.6	0.07
NITZSCHIA FONTICOLA	4.3	0.19
NITZSCHIA KUETZINGIANA	8.6	0.38
NITZSCHIA PALEA	4.8	0.21
NITZSCHIA PALEACEA	12.4	0.54
NITZSCHIA SP.	35.0	1.53
OCHROMONAS SP.	107.7	4.69
OOCYSTIS SP.	6.5	0.28
OSCILLATORIA LIMNETICA	0.5	0.02
PEDIASTRUM BORYANUM	8.6	0.38
RHIZOSOLENIA ERIENSIS	3.8	0.16
SCENEDESMUS BICELLULARIS	1.1	0.05
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.09
SCENEDESMUS QUADRICAUDA	6.5	0.28
SCENEDESMUS SP.	10.8	0.47
STEPHANODISCUS ALPINUS	16.1	0.70
STEPHANODISCUS MINUTUS	10.2	0.45
STEPHANODISCUS SP.	9.7	0.42
STEPHANODISCUS SUBTILIS	3.2	0.14
STEPHANODISCUS TENUIS	0.5	0.02
SURIRELLA ANGUSTA	2.7	0.12
SYNEDRA FILIFORMIS	207.8	9.06
TABELLARIA FENESTRATA V. INTERMEDIA	91.5	3.99
TOTAL	2294.4	100.0

SDC 2-1 NO.OF FORMS = 70 DIVERSITY = 4.41
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES CLEVEI V. ROSTRATA	1.6	0.09
ACHNANTHES SP.	0.5	0.03
AMPHIPLEURA PELLUCIDA	1.1	0.06
AMPHORA CALUMETICA	0.5	0.03
AMPHORA OVALIS	0.5	0.03
AMPHORA OVALIS V. PEDICULUS	1.1	0.06
AMPHORA SP.	1.6	0.09
ANABAENA FLOS-AQUAE	45.8	2.42
ANACYSTIS INCERTA	96.9	5.12
ANACYSTIS THERMALIS	65.7	3.47
ANKISTRODESMUS #3	9.2	0.48
ANKISTRODESMUS FALCATUS	0.5	0.03
ASTERIONELLA FORMOSA	149.7	7.90
CENTRIC DIATOM, UNKNOWN	2.7	0.14
CHROMULINA #1	5.9	0.31
CHROMULINA #2	16.7	0.88
CHROMULINA PARVULA	5.9	0.31
CHRYSOPHYCEAN FLAGELLATE SPP.	10.8	0.57
COSMARIUM #1	1.1	0.06
CRYPTOMONAS SP.	43.1	2.27
CYCLOTELLA KUETZINGIANA	32.3	1.71
CYCLOTELLA MICHIGANIANA	87.7	4.63
CYCLOTELLA OCELLATA	1.6	0.09
CYCLOTELLA SP.	14.0	0.74
DINOBRYON BAVARICUM	6.5	0.34
DINOBRYON DIVERGENS	155.0	8.19
DINOBRYON FLAGELLATES	5.9	0.31
DINOFLAGELLATES	1.6	0.09
FLAGELLATE A	1.1	0.06
FLAGELLATES	234.2	12.37
FRAGILARIA CONSTRUENS	1.6	0.09
FRAGILARIA CROTONENSIS	150.7	7.96
FRAGILARIA PINNATA	1.1	0.06
FRAGILARIA SP.	1.1	0.06
GLOEOCYSTIS PLANCTONICA	59.8	3.16
GLOEOCYSTIS SP.	70.5	3.72
GOMPHOSPHAERIA LACUSTRIS	166.9	8.81
GREEN COCCOID, UNKNOWN	16.1	0.85
LAGERHEIMIA CILIATA	0.5	0.03
MELOSIRA GRANULATA	1.1	0.06
MELOSIRA ITALICA	0.5	0.03
MELOSIRA SP.	0.5	0.03
NOUGLOTIA SP.	1.6	0.09
NAVICULA LATENS	0.5	0.03
NAVICULA SP.	1.1	0.06
NITZSCHIA #1	0.5	0.03
NITZSCHIA ACICULARIS	3.8	0.20
NITZSCHIA ACUTA	1.1	0.06
NITZSCHIA CAPITELLATA	0.5	0.03
NITZSCHIA CONFINIS	1.6	0.09
NITZSCHIA FONTICOLA	1.1	0.06
NITZSCHIA KUETZINGIANA	0.5	0.03
NITZSCHIA PALEACEA	0.5	0.03
NITZSCHIA SP.	9.2	0.48
OCHROMONAS SP.	169.5	8.96
RHIZOSOLENIA ERIENSIS	2.7	0.14
SCENEDESMUS ACUMINATUS	7.0	0.37
SCENEDESMUS BICELLULARIS	3.2	0.17
SCENEDESMUS SP.	7.0	0.37
STAURONEIS ACUTIUSCULA	0.5	0.03
STEPHANODISCUS ALPINUS	5.4	0.28
STEPHANODISCUS MINUTUS	5.4	0.28
STEPHANODISCUS SP.	1.6	0.09
STEPHANODISCUS SUBTILIS	0.5	0.03
SURIRELLA ANGUSTA	0.5	0.03
SYNEDRA FILIFORMIS	50.1	2.64
SYNEDRA SP.	0.5	0.03
SYNURA SP.	7.5	0.40
TABELLARIA FENESTRATA V. INTERMEDIA	91.5	4.83
ULOTHRIX SP.	46.8	2.47
TOTAL	1893.3	100.0

SDC 2-3 NO.OF FORMS = 54 DIVERSITY = 4.04
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	0.5	0.04
ANABAENA FLOS-AQUAE	46.8	3.18
ANACYSTIS INCERTA	199.2	13.53
ANACYSTIS THERMALIS	78.6	5.34
ANKISTRODESMUS #3	1.6	0.11
ASTERIONELLA FORMOSA	52.2	3.55
CENTRIC DIATOM, UNKNOWN	0.5	0.04
CHROMULINA #1	10.2	0.69
CHROMULINA #2	10.8	0.73
CHROMULINA PARVULA	2.7	0.18
CHRYSOPHYCEAN FLAGELLATE SPP.	9.7	0.66
CRUCIGENIA QUADRATA	19.4	1.32
CRYPTOMONAS SP.	32.3	2.19
CYCLOTELLA KUETZINGIANA	17.8	1.21
CYCLOTELLA MICHIGANIANA	59.2	4.02
CYCLOTELLA OCELLATA	0.5	0.04
CYCLOTELLA SP.	12.9	0.88
CYCLOTELLA STELLIGERA	0.5	0.04
DINOBRYON BAVARICUM	10.8	0.73
DINOBRYON DIVERGENS	42.0	2.85
DINOBRYON FLAGELLATES	0.5	0.04
DINOFLAGELLATES	1.6	0.11
FLAGELLATE A	1.6	0.11
FLAGELLATES	269.2	18.29
FRAGILARIA CONSTRUENS	0.5	0.04
FRAGILARIA CROTONENSIS	90.4	6.14
FRAGILARIA INTERMEDIA V. FALLAX	1.6	0.11
GLOEOCYSTIS PLANCTONICA	56.0	3.80
GLOEOCYSTIS SP.	44.1	3.00
GOLENKINIA SP.	0.5	0.04
GOMPHOSPHAERIA LACUSTRIS	172.3	11.70
GREEN COCCOID, UNKNOWN	16.7	1.13
LAGERHEIMIA SP.	0.5	0.04
MALLOMONAS SP.	1.1	0.07
MELOSIRA GRANULATA	2.2	0.15
NAVICULA ANGLICA V. SIGNATA	0.5	0.04
NITZSCHIA #2	0.5	0.04
NITZSCHIA ACICULARIS	2.7	0.18
NITZSCHIA ACUTA	1.1	0.07
NITZSCHIA CONFINIS	0.5	0.04
NITZSCHIA DISSIPATA	0.5	0.04
NITZSCHIA PALEA	0.5	0.04
NITZSCHIA PALEACEA	2.7	0.18
NITZSCHIA SP.	4.3	0.29
OCHROMONAS SP.	141.0	9.58
RHIZOSOLENIA ERIENSIS	2.2	0.15
SCENEDESMUS BICELLULARIS	3.2	0.22
SCENEDESMUS QUADRICAUDA	2.2	0.15
STEPHANODISCUS ALPINUS	1.1	0.07
STEPHANODISCUS SP.	1.1	0.07
STEPHANODISCUS SUBTILIS	0.5	0.04
SYNEDRA FILIFORMIS	14.0	0.95
TABELLARIA FENESTRATA V. INTERMEDIA	25.3	1.72
TETRAEDRON MINIMUM	0.5	0.04
TOTAL	1471.8	100.0

SDC 4-0 NO.OF FORMS =109 DIVERSITY = 4.71

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES #30	0.5	0.02
ACHNANTHES CLEVEI	0.5	0.02
ACHNANTHES CLEVEI V. ROSTRATA	2.7	0.10
ACHNANTHES LANCEOLATA	1.1	0.04
ACHNANTHES LANCEOLATA V. DUBIA	0.5	0.02
ACHNANTHES SP.	2.7	0.10
AMPHIPLEURA PELLUCIDA	2.7	0.10
AMPHORA OVALIS	0.5	0.02
AMPHORA OVALIS V. LIBYCA	1.1	0.04
AMPHORA OVALIS V. PEDICULUS	6.5	0.23
AMPHORA SIBIRICA	1.1	0.04
AMPHORA SP.	6.5	0.23
AMPHORA SUBCOSTULATA	0.5	0.02
AMPHORA #3	2.2	0.08
ANABAENA FLOS-AQUAE	3.2	0.11
ANACYSTIS INCERTA	236.9	8.40
ANACYSTIS THERMALIS	88.3	3.13
ANKISTRODESMUS #3	1.6	0.06
ANKISTRODESMUS FALCATUS	0.5	0.02
ASTERIONELLA FORMOSA	175.5	6.22
CALONEIS VENTRICOSA V. MINUTA	2.7	0.10
CHROMULINA #1	4.8	0.17
CHROMULINA #2	9.7	0.34
CHROMULINA PARVULA	10.8	0.38
CHRYSOPHYCEAN FLAGELLATE SPP.	23.1	0.82
CRUCIGENIA QUADRATA	5.9	0.21
CRYPTOMONAS SP.	33.9	1.20
CRYPTOPHYCEAN FLAGELLATES	1.1	0.04
CYCLOTELLA COMENSIS	14.5	0.52
CYCLOTELLA COMTA	0.5	0.02
CYCLOTELLA KUETZINGIANA	42.0	1.49
CYCLOTELLA MENEGHINIANA	0.5	0.02
CYCLOTELLA MICHIGANIANA	94.7	3.36
CYCLOTELLA OCELLATA	2.2	0.08
CYCLOTELLA SP.	28.5	1.01
CYCLOTELLA STELLIGERA	3.2	0.11
CYMBELLA SP.	0.5	0.02
DINOBRYON BAVARICUM	12.9	0.46
DINOBRYON DIVERGENS	131.9	4.68
DINOBRYON FLAGELLATES	17.8	0.63
DINOFLAGELLATES	2.2	0.08
DIPLONEIS OCULATA	0.5	0.02
FLAGELLATE A	0.5	0.02
FLAGELLATES	175.0	6.20
FRAGILARIA CONSTRUENS	7.0	0.25
FRAGILARIA CONSTRUENS V. BINODIS	0.5	0.02
FRAGILARIA CROTONENSIS	461.4	16.36
FRAGILARIA PINNATA	8.6	0.31
FRAGILARIA SP.	3.8	0.13
FRAGILARIA VAUCHERIAE	0.5	0.02
GLOEOCYSTIS PLANCTONICA	75.4	2.67
GLOEOCYSTIS SP.	46.3	1.64
GOMPHONEMA OLIVACEUM	0.5	0.02
GOMPHONEMA SP.	1.6	0.06
GOMPHOSPHAERIA LACUSTRIS	263.8	9.35
GREEN CELLS, UNDETERMINED	2.2	0.08
GREEN COCCOID, UNKNOWN	14.0	0.50
LAGERHEIMIA CILIATA	1.1	0.04
MALLOMONAS SP.	3.8	0.13
MELOSIRA GRANULATA	4.3	0.15
MELOSIRA ITALICA	1.6	0.06
NAVICULA #76	3.2	0.11
NAVICULA CAPITATA	1.1	0.04
NAVICULA CAPITATA V. LUNEBURGENSIS	5.4	0.19
NAVICULA CLEMENTIS V. QUADRISTIGMATA	0.5	0.02
NAVICULA DECUSSIS	2.7	0.10
NAVICULA LATENS	4.3	0.15
NAVICULA MENISCULUS V. UPSALIENSIS	5.4	0.19
NAVICULA SP.	9.2	0.32
NAVICULA VIRIDULA	0.5	0.02
NITZSCHIA #10	1.6	0.06
NITZSCHIA #1	4.8	0.17
NITZSCHIA ACICULARIS	25.3	0.90
NITZSCHIA ACUTA	3.8	0.13
NITZSCHIA BACATA	2.2	0.08
NITZSCHIA CAPITELLATA	4.3	0.15
NITZSCHIA CONFINIS	10.2	0.36
NITZSCHIA DISSIPATA	4.8	0.17
NITZSCHIA FONTICOLA	10.2	0.36
NITZSCHIA KUETZINGIANA	12.9	0.46
NITZSCHIA PALEA	7.0	0.25
NITZSCHIA PALEACEA	13.5	0.48
NITZSCHIA RECTA	0.5	0.02
NITZSCHIA SP.	64.1	2.27
OCHROMONAS SP.	90.4	3.21
OSCILLATORIA SP.	2.2	0.08
PEDIASTRUM TETRAS	4.3	0.15
PERIDINIUM SP.	1.1	0.04
RHIZOSOLENIA ERIENSIS	3.8	0.13
SCENEDESMUS ACUMINATUS	2.2	0.08
SCENEDESMUS BICELLULARIS	6.5	0.23
SCENEDESMUS QUADRICAUDA	11.8	0.42
SCENEDESMUS SP.	11.8	0.42
SCENEDESMUS SPINOSUS	2.2	0.08
STAURONEIS ACUTIUSCULA	0.5	0.02
STEPHANODISCUS ALPINUS	16.7	0.59
STEPHANODISCUS MINUTUS	33.4	1.18
STEPHANODISCUS NIAGARAE	0.5	0.02
STEPHANODISCUS SP.	29.1	1.03
STEPHANODISCUS SUBTILIS	9.2	0.32
SURIRELLA ANGUSTA	2.2	0.08
SYNEDRA FILIFORMIS	212.6	7.54
SYNEDRA MINUSCULA	2.2	0.08
SYNEDRA SP.	1.6	0.06
TABELLARIA FENESTRATA	1.6	0.06
TABELLARIA FENESTRATA V. INTERMEDIA	120.0	4.26
TETRASTRUM STAUROGENIAEFORME	1.1	0.04
TRACHELOMONAS SP.	0.5	0.02
ULOTHRIX SP.	4.3	0.15
TOTAL	2820.3	100.0

SDC 4-1 NO.OF FORMS = 64 DIVERSITY = 4.18

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES SP.	0.5	0.05
AMPHORA OVALIS V. PEDICULUS	2.2	0.19
AMPHORA SP.	1.1	0.09
ANABAENA FLOS-AQUAE	11.8	1.02
ANACYSTIS INCERTA	220.7	19.03
ANACYSTIS THERMALIS	29.1	2.51
ANKISTRODESMUS #3	1.1	0.09
ANKISTRODESMUS GELIFACTUM	0.5	0.05
ASTERIONELLA FORMOSA	44.7	3.85
CHROMULINA #2	2.7	0.23
CHROMULINA PARVULA	10.2	0.88
CHRYSOPHYCEAN FLAGELLATE SPP.	14.0	1.21
CRYPTOMONAS SP.	6.5	0.56
CYCLOTELLA COMENSIS	7.0	0.60
CYCLOTELLA KUETZINGIANA AUXOSPORE	0.5	0.05
CYCLOTELLA KUETZINGIANA	18.3	1.58
CYCLOTELLA MICHIGANIANA	20.5	1.76
CYCLOTELLA OCELLATA	2.2	0.19
CYCLOTELLA SP.	25.3	2.18
DINOBRYON BAVARICUM	10.2	0.88
DINOBRYON DIVERGENS	110.9	9.56
DINOBRYON FLAGELLATES	2.2	0.19
DINOFLAGELLATES	1.6	0.14
DIPLONEIS OCULATA	0.5	0.05
FLAGELLATES	41.5	3.57
FRAGILARIA CAPUCINA V. LANCEOLATA	25.3	2.18
FRAGILARIA CROTONENSIS	79.7	6.87
FRAGILARIA SP.	0.5	0.05
GLOEOCYSTIS PLANCTONICA	29.1	2.51
GLOEOCYSTIS SP.	19.9	1.72
GOMPHOSPHAERIA LACUSTRIS	188.4	16.24
GREEN COCCOID, UNKNOWN	23.7	2.04
MELOSIRA GRANULATA	0.5	0.05
NAVICULA ANGLICA V. SUBSALSA	0.5	0.05
NAVICULA CAPITATA	1.1	0.09
NAVICULA CAPITATA V. LUNEBURGENSIS	1.1	0.09
NAVICULA DECUSSIS	1.1	0.09
NAVICULA SP.	4.3	0.37
NAVICULA VIRIDULA	0.5	0.05
NITZSCHIA #1	0.5	0.05
NITZSCHIA ACICULARIS	2.7	0.23
NITZSCHIA BACATA	0.5	0.05
NITZSCHIA CONFINIS	1.1	0.09
NITZSCHIA DISSIPATA	0.5	0.05
NITZSCHIA FONTICOLA	0.5	0.05
NITZSCHIA KUETZINGIANA	0.5	0.05
NITZSCHIA PALEA	0.5	0.05
NITZSCHIA PALEACEA	2.7	0.23
NITZSCHIA SP.	6.5	0.56
OCHROMONAS SP.	100.7	8.68
OESTRUPIA ZACHARIASI	0.5	0.05
OSCILLATORIA SP.	1.1	0.09
PERIDINIUM SP.	1.1	0.09
RHIZOSOLENIA ERIENSIS	4.3	0.37
RHIZOSOLENIA GRACILIS	0.5	0.05
SCENEDESMUS BICELLULARIS	3.2	0.28
SCENEDESMUS SP.	1.1	0.09
STEPHANODISCUS ALPINUS	4.3	0.37
STEPHANODISCUS MINUTUS	5.9	0.51
STEPHANODISCUS SP.	5.4	0.46
STEPHANODISCUS SUBTILIS	0.5	0.05
SURIRELLA ANGUSTA	0.5	0.05
SYNEDRA FILIFORMIS	25.3	2.18
TABELLARIA FENESTRATA V. INTERMEDIA	28.0	2.41
TOTAL	1160.1	100.0

SDC 4-3 NO.OF FORMS = 57 DIVERSITY = 3.68
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHORA OVALIS V. PEDICULUS	0.5	0.03
ANABAENA FLOS-AQUAE	23.1	1.08
ANACYSTIS INCERTA	325.7	15.15
ANACYSTIS THERMALIS	79.7	3.71
ANKISTRODESMUS #3	2.2	0.10
ANKISTRODESMUS GELIFACTUM	2.2	0.10
ASTERIONELLA FORMOSA	65.1	3.03
CERATIUM HIRUNDINELLA	1.1	0.05
CHROMULINA #1	12.9	0.60
CHROMULINA #2	36.1	1.68
CHROMULINA PARVULA	5.4	0.25
CHRYSOPHYCEAN FLAGELLATE SPP.	32.3	1.50
CRUCIGENIA QUADRATA	21.5	1.00
CRYPTOMONAS SP.	26.9	1.25
CYCLOTELLA COMENSIS	22.6	1.05
CYCLOTELLA KUETZINGIANA	19.4	0.90
CYCLOTELLA MENEGHINIANA	0.5	0.03
CYCLOTELLA MICHIGANIANA	46.3	2.15
CYCLOTELLA OCELLATA	1.6	0.08
CYCLOTELLA SP.	16.1	0.75
CYCLOTELLA STELLIGERA	2.7	0.13
DINOBRYON BAVARICUM	2.7	0.13
DINOBRYON DIVERGENS	4.3	0.20
DINOBRYON FLAGELLATES	0.5	0.03
DINOFLAGELLATES	3.8	0.18
DIPLONEIS OCULATA	0.5	0.03
FLAGELLATES	368.2	17.13
FRAGILARIA CAPUCINA	35.5	1.65
FRAGILARIA CROTONENSIS	65.7	3.05
FRAGILARIA SP.	0.5	0.03
GLOEOCYSTIS PLANCTONICA	18.8	0.88
GLOEOCYSTIS SP.	73.2	3.41
GOMPHOSPHAERIA LACUSTRIS	543.7	25.29
GREEN COCCOID, UNKNOWN	17.2	0.80
MELOSIRA GRANULATA	0.5	0.03
MELOSIRA ITALICA	1.1	0.05
NAVICULA SP.	0.5	0.03
NITZSCHIA #1	1.6	0.08
NITZSCHIA ACICULARIS	1.6	0.08
NITZSCHIA CONFINIS	0.5	0.03
NITZSCHIA PALEACEA	0.5	0.03
NITZSCHIA SP.	3.2	0.15
OCHROMONAS SP.	203.5	9.46
OSCILLATORIA LIMNETICA	1.1	0.05
OSCILLATORIA SP.	1.1	0.05
PERIDINIUM SP.	1.6	0.08
RHIZOSOLENIA ERIENSIS	2.7	0.13
RHIZOSOLENIA GRACILIS	0.5	0.03
SCENEDESMUS BICELLULARIS	7.5	0.35
SCENEDESMUS QUADRICAUDA V. LONGISPINA	2.2	0.10
STEPHANODISCUS ALPINUS	1.6	0.08
STEPHANODISCUS MINUTUS	5.9	0.28
STEPHANODISCUS SP.	2.2	0.10
STEPHANODISCUS TENUIS	1.1	0.05
SURIRELLA ANGUSTA	0.5	0.03
SYNEDRA FILIFORMIS	11.8	0.55
TABELLARIA FENESTRATA V. INTERMEDIA	18.3	0.85
TOTAL	2150.1	100.0

SDC 4-4 STATION NOT TAKEN -- TOO ROUGH

SDC 7-1 NO.OF FORMS = 86 DIVERSITY = 4.30
COUNTED BY: S.W.
METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ACHNANTHES #30	0.5	0.02
ACHNANTHES CLEVEI V. ROSTRATA	5.4	0.23
ACHNANTHES LANCEOLATA V. DUBIA	0.5	0.02
ACHNANTHES SP.	1.1	0.05
AMPHORA OVALIS	0.5	0.02
AMPHORA OVALIS V. PEDICULUS	4.3	0.18
AMPHORA SP.	4.3	0.18
ANABAENA FLOS-AQUAE	33.9	1.43
ANACYSTIS INCERTA	602.9	25.43
ANACYSTIS THERMALIS	29.1	1.23
ANKISTRODESMUS #3	4.8	0.20
ANKISTRODESMUS FALCATUS	0.5	0.02
ANKISTRODESMUS GELIFACTUM	2.7	0.11
ASTERIONELLA FORMOSA	111.4	4.70
CALONEIS #3	1.1	0.05
CALONEIS SP.	0.5	0.02
CHROMULINA #1	0.5	0.02
CHROMULINA #2	4.8	0.20
CHROMULINA PARVULA	15.1	0.64
CHRYSOPHYCEAN FLAGELLATE SPP.	37.7	1.59
CRUCIGENIA QUADRATA	6.5	0.27
CRYPTOMONAS SP.	16.1	0.68
CYCLOTELLA COMENSIS	29.6	1.25
CYCLOTELLA KUETZINGIANA	33.4	1.41
CYCLOTELLA MENEGHINIANA	1.1	0.05
CYCLOTELLA MICHIGANIANA	37.1	1.57
CYCLOTELLA OCELLATA	0.5	0.02
CYCLOTELLA SP.	45.8	1.93
CYCLOTELLA STELLIGERA	2.2	0.09
DINOBRYON BAVARICUM	13.5	0.57
DINOBRYON DIVERGENS	144.8	6.11
DINOBRYON FLAGELLATES	15.6	0.66
DINOFLAGELLATES	2.7	0.11
FLAGELLATE A	1.1	0.05
FLAGELLATES	130.3	5.49
FRAGILARIA CAPUCINA	21.0	0.89
FRAGILARIA CONSTRUENS	4.8	0.20
FRAGILARIA CONSTRUENS V. VENTER	1.6	0.07
FRAGILARIA CROTONENSIS	110.9	4.68
FRAGILARIA PINNATA	0.5	0.02
FRAGILARIA SP.	2.7	0.11
GLOEOCYSTIS PLANCTONICA	121.7	5.13
GLOEOCYSTIS SP.	54.9	2.32
GOLENKINIA RADIATA	0.5	0.02
GOMPHOSPHAERIA LACUSTRIS	312.2	13.17
GREEN COCCOID, UNKNOWN	17.8	0.75
GREEN COLONY, UNKNOWN	40.4	1.70
GYROSIGMA ACUMINATUM	0.5	0.02
GALLIONELLA SP.	0.5	0.02
MELOSIRA GRANULATA	0.5	0.02
MELOSIRA ITALICA	0.5	0.02
NAVICULA CAPITATA V. LUNEBURGENSIS	2.2	0.09
NAVICULA CRYPTOCEPHALA	0.5	0.02
NAVICULA CRYPTOCEPHALA V. VENETA	1.1	0.05
NAVICULA DECUSSIS	0.5	0.02
NAVICULA LATENS	1.6	0.07
NAVICULA MENISCULUS V. UPSALIENSIS	1.1	0.05
NAVICULA PUPULA V. ROSTRATA	0.5	0.02
NAVICULA SP.	5.9	0.25
NAVICULA STROESEI	0.5	0.02
NITZSCHIA #1	1.6	0.07
NITZSCHIA ACICULARIS	9.2	0.39
NITZSCHIA BACATA	0.5	0.02
NITZSCHIA CAPITELLATA	0.5	0.02
NITZSCHIA CONFINIS	2.2	0.09
NITZSCHIA DISSIPATA	3.2	0.14
NITZSCHIA FONTICOLA	4.8	0.20
NITZSCHIA KUETZINGIANA	3.2	0.14
NITZSCHIA PALEA	0.5	0.02
NITZSCHIA PALEACEA	6.5	0.27
NITZSCHIA SP.	24.2	1.02
OCHROMONAS SP.	100.7	4.25
RHIZOSOLENIA ERIENSIS	5.4	0.23
SCENEDESMUS BICELLULARIS	9.7	0.41
SCENEDESMUS QUADRICAUDA	4.3	0.18
SCENEDESMUS SP.	2.7	0.11
STEPHANODISCUS ALPINUS	11.8	0.50
STEPHANODISCUS MINUTUS	15.1	0.64
STEPHANODISCUS SP.	16.7	0.70
STEPHANODISCUS SUBTILIS	2.2	0.09
STEPHANODISCUS TENUIS	3.8	0.16
SYNEDRA FILIFORMIS	58.1	2.45
SYNEDRA MINUSCULA	1.1	0.05
SYNEDRA SP.	0.5	0.02
TABELLARIA FENESTRATA V. INTERMEDIA	35.0	1.48
TETRASTRUM STAUROGENIAEFORME	0.5	0.02
TOTAL	2371.4	100.0

SDC 7-3 NO.OF FORMS = 44 DIVERSITY = 4.23

COUNTED BY: S.K.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
AMPHIPLEURA PELLUCIDA	1.6	0.08
AMPHORA OVALIS	1.6	0.08
ANABAENA FLOS-AQUAE	276.7	13.83
ANACYSTIS INCERTA	277.2	13.86
ANACYSTIS THERMALIS	24.8	1.24
ANKISTRODESMUS BRAUNII	4.3	0.22
ANKISTRODESMUS FALCATUS	1.1	0.05
ASTERIONELLA FORMOSA	111.4	5.57
BICOECA PAROPSIS	0.5	0.03
BOTRYOCOCCUS SP.	0.5	0.03
CERATIUM HIRUNDINELLA	0.5	0.03
CHROMULINA PARVULA	7.0	0.35
CHRYSOPHYCEAN FLAGELLATE SPP.	131.4	6.57
CLADOPHORA SP.	1.1	0.05
COSMARIUM #1	3.2	0.16
CRUCIGENIA QUADRATA	6.5	0.32
CRYPTOMONAD SP.	0.5	0.03
CRYPTOMONAS SP.	24.8	1.24
CYCLOTELLA COMTA	0.5	0.03
CYCLOTELLA KUETZINGIANA	22.6	1.13
CYCLOTELLA MICHIGANIANA	78.6	3.93
CYCLOTELLA OCELLATA	23.1	1.16
DINOBRYON BAVARICUM	21.5	1.08
DINOBRYON DIVERGENS	109.8	5.49
DINOBRYON FLAGELLATES	38.2	1.91
DINOFLAGELLATES	4.3	0.22
FLAGELLATE A	3.2	0.16
FLAGELLATES	281.0	14.05
FRAGILARIA CAPUCINA V. LANCEOLATA	26.9	1.35
FRAGILARIA CROTONENSIS	109.8	5.49
FRAGILARIA PINNATA	2.7	0.13
GLOEOCYSTIS PLANCTONICA	29.6	1.48
GLOEOCYSTIS SP.	10.8	0.54
GOMPHOSPHAERIA LACUSTRIS	80.7	4.04
GREEN COCCOID, UNKNOWN	7.0	0.35
MELOSIRA ISLANDICA	1.1	0.05
NAVICULA CAPITATA	0.5	0.03
NAVICULA MENISCULUS V. UPSALIENSIS	0.5	0.03
NAVICULA SP.	1.1	0.05
NITZSCHIA #1	1.6	0.08
NITZSCHIA ACICULARIS	1.1	0.05
NITZSCHIA ACUTA	1.1	0.05
NITZSCHIA CAPITELLATA	0.5	0.03
NITZSCHIA DISSIPATA	1.1	0.05
NITZSCHIA FONTICOLA	2.2	0.11
NITZSCHIA KUETZINGIANA	1.6	0.08
NITZSCHIA PALEA	0.5	0.03
NITZSCHIA PALEACEA	0.5	0.03
OCHROMONAS SP.	81.3	4.06
OSCILLATORIA LIMNETICA	1.1	0.05
PEDIASTRUM BORYANUM	8.6	0.43
PEDIASTRUM DUPLEX V. CLATHRATUM	44.7	2.23
RHIZOSOLENIA ERIENSIS	2.2	0.11
RHIZOSOLENIA GRACILIS	1.6	0.08
SCENEDESMUS SP.	3.2	0.16
SPHAEROCYSTIS SP.	6.5	0.32
STAURASTRUM PARADOXICUM	1.1	0.05
STEPHANODISCUS ALPINUS	1.1	0.05
STEPHANODISCUS MINUTUS	5.4	0.27
STEPHANODISCUS TENUIS	3.2	0.16
SYNEDRA FILIFORMIS	36.6	1.83
TABELLARIA FENESTRATA V. INTERMEDIA	60.3	3.01
TETRASTRUM STAUROGENIAEFORME	3.8	0.19
TOTAL	2000.4	100.0

SDC 7-5 NO.OF FORMS = 44 DIVERSITY = 3.52

COUNTED BY: S.W.

METHOD: SETTLE-FREEZE

	CELLS/ML	PERCENT
ANABAENA FLOS-AQUAE	31.2	1.86
ANACYSTIS INCERTA	290.7	17.28
ANACYSTIS THERMALIS	24.8	1.47
ANKISTRODESMUS #3	3.8	0.22
ANKISTRODESMUS FALCATUS	1.6	0.10
ASTERIONELLA FORMOSA	44.7	2.66
CERATIUM HIRUNDINELLA	0.5	0.03
CHROMULINA #1	3.2	0.19
CHROMULINA #2	17.8	1.06
CHROMULINA PARVULA	8.6	0.51
CHRYSOPHYCEAN FLAGELLATE SPP.	8.1	0.48
CRUCIGENIA QUADRATA	4.3	0.26
CRYPTOMONAS SP.	36.1	2.14
CYCLOTELLA KUETZINGIANA	11.3	0.67
CYCLOTELLA MICHIGANIANA	37.7	2.24
CYCLOTELLA OCELLATA	1.6	0.10
CYCLOTELLA SP.	3.8	0.22
CYCLOTELLA STELLIGERA	1.6	0.10
DINOBRYON DIVERGENS	33.4	1.98
DINOBRYON FLAGELLATES	0.5	0.03
DINOBRYON SOCIALE	0.5	0.03
DINOFLAGELLATES	2.2	0.13
FLAGELLATE A	2.7	0.16
FLAGELLATES	305.2	18.14
FRAGILARIA CAPUCINA V. LANCEOLATA	24.2	1.44
FRAGILARIA CROTONENSIS	60.3	3.58
GLOEOCYSTIS PLANCTONICA	29.1	1.73
GLOEOCYSTIS SP.	40.4	2.40
GOMPHOSPHAERIA LACUSTRIS	452.2	26.88
GREEN COCCOID, UNKNOWN	35.0	2.08
LAGERHEIMIA CILIATA	1.1	0.06
MALLOMONAS SP.	1.6	0.10
NAVICULA LATENS	0.5	0.03
NITZSCHIA ACICULARIS	1.1	0.06
OCHROMONAS SP.	121.1	7.20
PERIDINIUM SP.	0.5	0.03
RHIZOSOLENIA ERIENSIS	2.2	0.13
SCENEDESMUS BICELLULARIS	3.8	0.22
SCENEDESMUS SP.	6.5	0.38
STEPHANODISCUS MINUTUS	1.6	0.10
STEPHANODISCUS SP.	0.5	0.03
STEPHANODISCUS SUBTILIS	0.5	0.03
SYNEDRA FILIFORMIS	11.3	0.67
TABELLARIA FENESTRATA V. INTERMEDIA	12.9	0.77
TOTAL	1682.3	100.0